T cell response to amyloid-beta and to mitochondrial antigens in Alzheimer's disease.
Dement Geriatr Cogn Disord. 2003;16(1):35-8.
PMID: 12714798 [PubMed - indexed for MEDLINE]

38: Cribbs DH, Ghochikyan A, Vasilevko V, Tran M, Petrushina I, Sadzikava N, Babikyan D, Kesslak P, Kieber-Emmons T, Cotman CW, Agadjanyan MG. Related Articles, I

Adjuvant-dependent modulation of Th1 and Th2 responses to immunization with beta-amyloid.
Int Immunol. 2003 Apr;15(4):505-14.
PMID: 12663680 [PubMed - indexed for MEDLINE]

39: Greenberg SM, Bacskai BJ, Hyman BT. Related Articles, I

Alzheimer disease's double-edged vaccine.
Nat Med. 2003 Apr;9(4):389-90. No abstract available.
PMID: 12640449 [PubMed - indexed for MEDLINE]

40: Petrushina I, Tran M, Sadzikava N, Ghochikyan A, Vasilevko V, Agadjanyan MG, Cribbs DH. Related Articles, I

Importance of IgG2c isotype in the immune response to beta-amyloid in amyloid precursor protein/transgenic mice.
Neurosci Lett. 2003 Feb 20;338(1):5-8.
PMID: 12565127 [PubMed - indexed for MEDLINE]

41: Furlan R, Brambilla E, Sanvito F, Roccatagliata L, Olivieri S, Bergami A, Pluchino S, Uccelli A, Comi G, Martino G. Related Articles, I

Vaccination with amyloid-beta peptide induces autoimmune encephalomyeli in C57/BL6 mice.
Brain. 2003 Feb;126(Pt 2):285-91.
PMID: 12538398 [PubMed - indexed for MEDLINE]

42: Bijl M, Horst G, Bijzet J, Bootsma H, Limburg PC, Kallenberg CG. Related Articles, I

Serum amyloid P component binds to late apoptotic cells and mediates their uptake by monocyte-derived macrophages.
Arthritis Rheum. 2003 Jan;48(1):248-54.
PMID: 12528126 [PubMed - indexed for MEDLINE]

43: Weiner HL, Selkoe DJ. Related Articles, I

Inflammation and therapeutic vaccination in CNS diseases.
Nature. 2002 Dec 19-26;420(6917):879-84. Review.
PMID: 12490962 [PubMed - indexed for MEDLINE]

44: Maury CP, Tiitinen S, Laiho K, Kaarela K, Liljestrom M. Related Articles, I

Raised circulating interleukin-18 levels in reactive AA-amyloidosis.
Amyloid. 2002 Jun;9(2):141-4.
PMID: 12440487 [PubMed - indexed for MEDLINE]

45: Garlanda C, Hirsch E, Bozza S, Salustri A, De Acetis M, Nota R, Maccagno A, Riva F, Bottazzi B, Peri G, Doni A, Vago L, Botto M, De Santis R, Carminati P, Siracusa G, Altruda F, Vecchi A, Romani L, Mantovani A. Related Articles, I

Non-redundant role of the long pentraxin PTX3 in anti-fungal innate immun response.
Nature. 2002 Nov 14;420(6912):182-6.
PMID: 12432394 [PubMed - indexed for MEDLINE]

46: Mold C, Baca R, Du Clos TW. Related Articles, I

Serum amyloid P component and C-reactive protein opsonize apoptotic cells

h cb h g e e e fcg e ch b e

with Alzheimer disease.
J Clin Invest. 2003 Aug;112(3):415-22.
PMID: 12897209 [PubMed - indexed for MEDLINE]

28: Cirrito JR, Holtzman DM. Related Articles,

Amyloid beta and Alzheimer disease therapeutics: the devil may be in the details.
J Clin Invest. 2003 Aug;112(3):321-3.
PMID: 12897198 [PubMed - indexed for MEDLINE]

29: Dalakas MC. Related Articles,

Therapeutic approaches in patients with inflammatory myopathies.
Semin Neurol. 2003 Jun;23(2):199-206. Review.
PMID: 12894385 [PubMed - indexed for MEDLINE]

30: Orgogozo JM, Gilman S, Dartigues JF, Laurent B, Puel M, Kirby LC, Jouanny P, Dubois B, Eisner L, Flitman S, Michel BF, Boada M, Frank A, Hock C. Related Articles,

Subacute meningoencephalitis in a subset of patients with AD after Abeta42 immunization.
Neurology. 2003 Jul 8;61(1):46-54.
PMID: 12847155 [PubMed - indexed for MEDLINE]

31: Mathews PM, Nixon RA. Related Articles,

Setback for an Alzheimer's disease vaccine: lessons learned.
Neurology. 2003 Jul 8;61(1):7-8. No abstract available.
PMID: 12847147 [PubMed - indexed for MEDLINE]

32: Farkas IG, Czigner A, Farkas E, Dobo E, Soos K, Penke B, Endresz V, Mihaly A. Related Articles,

Beta-amyloid peptide-induced blood-brain barrier disruption facilitates T-cel entry into the rat brain.
Acta Histochem. 2003;105(2):115-25.
PMID: 12831163 [PubMed - indexed for MEDLINE]

33: Blasko I, Grubeck-Loebenstein B. Related Articles,

[Vaccination against Alzheimer disease?]
Wien Klin Wochenschr. 2003 May 15;115(9):279-80. German. No abstract available.
PMID: 12793027 [PubMed - indexed for MEDLINE]

34: Hills D, Schlaepfer J, Comincini S, MacLean I, Dolf G, Ferretti L, Olsaker I, Williams JL. Related Articles,

Sequence variation in the bovine and ovine PRNP genes.
Anim Genet. 2003 Jun;34(3):183-90.
PMID: 12755818 [PubMed - indexed for MEDLINE]

35: Lassmann H. Related Articles,

Axonal injury in multiple sclerosis.
J Neurol Neurosurg Psychiatry. 2003 Jun;74(6):695-7. No abstract available.
PMID: 12754330 [PubMed - indexed for MEDLINE]

36: Kim SJ, Gershov D, Ma X, Brot N, Elkon KB. Related Articles,

Opsonization of apoptotic cells and its effect on macrophage and T cell imm responses.
Ann N Y Acad Sci. 2003 Apr;987:68-78. Review.
PMID: 12727625 [PubMed - indexed for MEDLINE]

37: Giubilei F, Antonini G, Montesperelli C, Sepe-Monti M, Cannoni S, Pichi A, Tisei P, Casini AR, Buttinelli C, Prencipe M, Salvetti M, Ristori G. Related Articles,

phagocytosis through Fcgamma receptors.
J Autoimmun. 2002 Nov;19(3):147-54.
PMID: 12419285 [PubMed - indexed for MEDLINE]

☐ 47: Town T, Vendrame M, Patel A, Poetter D, DelleDonne A, Mori T, Smeed R, Crawford F, Klein T, Tan J, Mullan M. Related Articles, I

Reduced Th1 and enhanced Th2 immunity after immunization with Alzheim beta-amyloid(1-42).
J Neuroimmunol. 2002 Nov;132(1-2):49-59.
PMID: 12417433 [PubMed - indexed for MEDLINE]

☐ 48: Dalakas MC. Related Articles, I

Understanding the immunopathogenesis of inclusion-body myositis: present future prospects.
Rev Neurol (Paris). 2002 Oct;158(10 Pt 1):948-58. Review.
PMID: 12407303 [PubMed - indexed for MEDLINE]

☐ 49: Andreoletti O, Berthon P, Levavasseur E, Marc D, Lantier F, Monks E, Elsen JM, Schelcher F. Related Articles, I

Phenotyping of protein-prion (PrPsc)-accumulating cells in lymphoid and ne tissues of naturally scrapie-affected sheep by double-labeling immunohistochemistry.
J Histochem Cytochem. 2002 Oct;50(10):1357-70.
PMID: 12364569 [PubMed - indexed for MEDLINE]

☐ 50: Kuhlmann T, Lingfeld G, Bitsch A, Schuchardt J, Bruck W. Related Articles, I

Acute axonal damage in multiple sclerosis is most extensive in early disease stages and decreases over time.
Brain. 2002 Oct;125(Pt 10):2202-12.
PMID: 12244078 [PubMed - indexed for MEDLINE]

☐ 51: Li X, Massa PE, Hanidu A, Peet GW, Aro P, Savitt A, Mische S, Li J, Marcu KB. Related Articles, I

IKKalpha, IKKbeta, and NEMO/IKKgamma are each required for the NF-ka B-mediated inflammatory response program.
J Biol Chem. 2002 Nov 22;277(47):45129-40. Epub 2002 Sep 06.
PMID: 12221085 [PubMed - indexed for MEDLINE]

☐ 52: Weksler ME, Relkin N, Turkenich R, LaRusse S, Zhou L, Szabo P. Related Articles, I

Patients with Alzheimer disease have lower levels of serum anti-amyloid peptide antibodies than healthy elderly individuals.
Exp Gerontol. 2002 Jul;37(7):943-8.
PMID: 12086704 [PubMed - indexed for MEDLINE]

☐ 53: Senaldi G, Stolina M, Guo J, Faggioni R, McCabe S, Kaufman SA, Van G, Xu W, Fletcher FA, Boone T, Chang MS, Sarmiento U, Cattley RC. Related Articles, I

Regulatory effects of novel neurotrophin-1/b cell-stimulating factor-3 (cardiotrophin-like cytokine) on B cell function.
J Immunol. 2002 Jun 1;168(11):5690-8.
PMID: 12023368 [PubMed - indexed for MEDLINE]

☐ 54: Bertrand E, Brouillet E, Caille I, Bouillot C, Cole GM, Prochiantz A, Allinquant B. Related Articles, I

A short cytoplasmic domain of the amyloid precursor protein induces apopto in vitro and in vivo.
Mol Cell Neurosci. 2001 Nov;18(5):503-11.
PMID: 11922141 [PubMed - indexed for MEDLINE]

☐ 55: Byrne FR, Farrell CL, Aranda R, Rex KL, Scully S, Brown HL, Flores SA, Gu LH, Danilenko DM, Lacey DL, Ziegler TR, Senaldi G. Related Articles, I

rHuKGF ameliorates symptoms in DSS and CD4(+)CD45RB(Hi) T cell tran mouse models of inflammatory bowel disease.
Am J Physiol Gastrointest Liver Physiol. 2002 Apr;282(4):G690-701.
PMID: 11897629 [PubMed - indexed for MEDLINE]

56: Haines DC, Chattopadhyay S, Ward JM. Related Articles, i

Pathology of aging B6;129 mice.
Toxicol Pathol. 2001 Nov-Dec;29(6):653-61.
PMID: 11794381 [PubMed - indexed for MEDLINE]

57: Dickey CA, Morgan DG, Kudchodkar S, Weiner DB, Bai Y, Cao C, Gordon MN, Ugen KE. Related Articles, i

Duration and specificity of humoral immune responses in mice vaccinated w the Alzheimer's disease-associated beta-amyloid 1-42 peptide.
DNA Cell Biol. 2001 Nov;20(11):723-9.
PMID: 11788050 [PubMed - indexed for MEDLINE]

58: Kivisakk P, Trebst C, Eckstein DJ, Kerza-Kwiatecki AP, Ransohoff RM. Related Articles, i

Chemokine-based therapies for MS: how do we get there from here?
Trends Immunol. 2001 Nov;22(11):591-3.
PMID: 11698200 [PubMed - indexed for MEDLINE]

59: Mayne M, Cheadle C, Soldan SS, Cermelli C, Yamano Y, Akhyani N, Nagel JE, Taub DD, Becker KG, Jacobson S. Related Articles, i

Gene expression profile of herpesvirus-infected T cells obtained using immunomicroarrays: induction of proinflammatory mechanisms.
J Virol. 2001 Dec;75(23):11641-50.
PMID: 11689646 [PubMed - indexed for MEDLINE]

60: Newman TA, Woolley ST, Hughes PM, Sibson NR, Anthony DC, Perry VH Related Articles, i

T-cell- and macrophage-mediated axon damage in the absence of a CNS-specific immune response: involvement of metalloproteinases.
Brain. 2001 Nov;124(Pt 11):2203-14.
PMID: 11673322 [PubMed - indexed for MEDLINE]

61: Derbinski J, Schulte A, Kyewski B, Klein L. Related Articles, i

Promiscuous gene expression in medullary thymic epithelial cells mirrors the peripheral self.
Nat Immunol. 2001 Nov;2(11):1032-9.
PMID: 11600886 [PubMed - indexed for MEDLINE]

62: Perregaux DG, McNiff P, Laliberte R, Hawryluk N, Peurano H, Stam E, Eggler J, Griffiths R, Dombroski MA, Gabel CA. Related Articles, i

Identification and characterization of a novel class of interleukin-1 post-translational processing inhibitors.
J Pharmacol Exp Ther. 2001 Oct;299(1):187-97.
PMID: 11561079 [PubMed - indexed for MEDLINE]

63: Monsonego A, Maron R, Zota V, Selkoe DJ, Weiner HL. Related Articles, i

Immune hyporesponsiveness to amyloid beta-peptide in amyloid precursor protein transgenic mice: implications for the pathogenesis and treatment of Alzheimer's disease.
Proc Natl Acad Sci U S A. 2001 Aug 28;98(18):10273-8. Epub 2001 Aug 21.
PMID: 11517335 [PubMed - indexed for MEDLINE]

64: Doerfler P, Shearman MS, Perlmutter RM. Related Articles, i

Presenilin-dependent gamma-secretase activity modulates thymocyte development.

Proc Natl Acad Sci U S A. 2001 Jul 31;98(16):9312-7. Epub 2001 Jul 24.
PMID: 11470902 [PubMed - indexed for MEDLINE]

☐ **65:** Familian A, Zwart B, Huisman HG, Rensink I, Roem D, Hordijk PL, Aarden LA, Hack CE — Related Articles, I

Chromatin-independent binding of serum amyloid P component to apoptotic cells.
J Immunol. 2001 Jul 15;167(2):647-54.
PMID: 11441067 [PubMed - indexed for MEDLINE]

☐ **66:** Weller RO. — Related Articles, I

How well does the CSF inform upon pathology in the brain in Creutzfeldt-Ja and Alzheimer's diseases?
J Pathol. 2001 May;194(1):1-3.
PMID: 11329133 [PubMed - indexed for MEDLINE]

☐ **67:** Balint E. — Related Articles, I

Role of beta(2)-microglobulin in the immune response in renal osteodystropl
Semin Dial. 2001 Mar-Apr;14(2):113-6. Review.
PMID: 11264778 [PubMed - indexed for MEDLINE]

☐ **68:** Jo DG, Kim MJ, Choi YH, Kim IK, Song YH, Woo HN, Chung CW, Jung YK. — Related Articles, I

Pro-apoptotic function of calsenilin/DREAM/KChIP3.
FASEB J. 2001 Mar;15(3):589-91. Epub 2001 Jan 19.
PMID: 11259376 [PubMed - indexed for MEDLINE]

☐ **69:** Niikura T, Hashimoto Y, Okamoto T, Abe Y, Yasukawa T, Kawasumi M, Hiraki T, Kita Y, Terashita K, Kouyama K, Nishimoto I. — Related Articles, I

Insulin-like growth factor I (IGF-I) protects cells from apoptosis by Alzheim V642I mutant amyloid precursor protein through IGF-I receptor in an IGF-binding protein-sensitive manner.
J Neurosci. 2001 Mar 15;21(6):1902-10.
PMID: 11245675 [PubMed - indexed for MEDLINE]

☐ **70:** Fisher J, Levkovitch-Verbin H, Schori H, Yoles E, Butovsky O, Kaye JF, Ben-Nun A, Schwartz M. — Related Articles, I

Vaccination for neuroprotection in the mouse optic nerve: implications for o neuropathies.
J Neurosci. 2001 Jan 1;21(1):136-42.
PMID: 11150329 [PubMed - indexed for MEDLINE]

☐ **71:** Bristol IJ, Farmer MA, Cong Y, Zheng XX, Strom TB, Elson CO, Sundberg JP, Leiter EH. — Related Articles, I

Heritable susceptibility for colitis in mice induced by IL-10 deficiency.
Inflamm Bowel Dis. 2000 Nov;6(4):290-302.
PMID: 11149562 [PubMed - indexed for MEDLINE]

☐ **72:** Brod SA. — Related Articles, I

Unregulated inflammation shortens human functional longevity.
Inflamm Res. 2000 Nov;49(11):561-70. Review.
PMID: 11131295 [PubMed - indexed for MEDLINE]

☐ **73:** Rovere P, Peri G, Fazzini F, Bottazzi B, Doni A, Bondanza A, Zimmermann VS, Garlanda C, Fascio U, Sabbadini MG, Rugarli C, Mantovani A, Manfredi AA. — Related Articles, I

The long pentraxin PTX3 binds to apoptotic cells and regulates their clearan by antigen-presenting dendritic cells.
Blood. 2000 Dec 15;96(13):4300-6.
PMID: 11110705 [PubMed - indexed for MEDLINE]

h cb h g e e e fcg e ch b e

74: Zekarias B, Landman WJ, Tooten PC, Gruys E. Related Articles, I

Leukocyte responses in two breeds of layer chicken that differ in susceptibili to induced amyloid arthropathy.
Vet Immunol Immunopathol. 2000 Nov 23;77(1-2):55-69.
PMID: 11068066 [PubMed - indexed for MEDLINE]

75: Takeshita K, Yamada S, Sato N, Kuwabara K, Kobayashi K, Asano K, Yamaguchi K. Related Articles, I

An unusual case of mediastinal lymphadenopathy caused by amyloidosis.
Intern Med. 2000 Oct;39(10):839-42.
PMID: 11030211 [PubMed - indexed for MEDLINE]

76: Toth T, Toth-Jakatics R, Jimi S, Takebayashi S. Related Articles, I

Increased density of interstitial mast cells in amyloid A renal amyloidosis.
Mod Pathol. 2000 Sep;13(9):1020-8.
PMID: 11007043 [PubMed - indexed for MEDLINE]

77: Dumoutier L, Van Roost E, Colau D, Renauld JC. Related Articles, I

Human interleukin-10-related T cell-derived inducible factor: molecular clor and functional characterization as an hepatocyte-stimulating factor.
Proc Natl Acad Sci U S A. 2000 Aug 29;97(18):10144-9.
PMID: 10954742 [PubMed - indexed for MEDLINE]

78: Mancardi G, Hart BA, Capello E, Brok HP, Ben-Nun A, Roccatagliata L, Giunti D, Gazzola P, Dono M, Kerlero de Rosbo N, Colombo M, Uccelli A. Related Articles, I

Restricted immune responses lead to CNS demyelination and axonal damage
J Neuroimmunol. 2000 Jul 24;107(2):178-83. Review.
PMID: 10854654 [PubMed - indexed for MEDLINE]

79: Bitsch A, Schuchardt J, Bunkowski S, Kuhlmann T, Bruck W. Related Articles, I

Acute axonal injury in multiple sclerosis. Correlation with demyelination anc inflammation.
Brain. 2000 Jun;123 (Pt 6):1174-83.
PMID: 10825356 [PubMed - indexed for MEDLINE]

80: Weller RO, Massey A, Kuo YM, Roher AE. Related Articles, I

Cerebral amyloid angiopathy: accumulation of A beta in interstitial fluid drainage pathways in Alzheimer's disease.
Ann N Y Acad Sci. 2000 Apr;903:110-7. Review.
PMID: 10818495 [PubMed - indexed for MEDLINE]

81: Yavin EJ, Preciado-Patt L, Rosen O, Yaron M, Suessmuth RD, Levartowsky D, Jung G, Lider O, Fridkin M. Related Articles, I

Serum amyloid A-derived peptides, present in human rheumatic synovial flu induce the secretion of interferon-gamma by human CD(4)(+) T-lymphocyte
FEBS Lett. 2000 Apr 28;472(2-3):259-62.
PMID: 10788622 [PubMed - indexed for MEDLINE]

82: Grubeck-Loebenstein B, Blasko I, Marx FK, Trieb I. Related Articles, I

Immunization with beta-amyloid: could T-cell activation have a harmful effe
Trends Neurosci. 2000 Mar;23(3):114. No abstract available.
PMID: 10675914 [PubMed - indexed for MEDLINE]

83: Choi YC, Dalakas MC. Related Articles, I

Expression of matrix metalloproteinases in the muscle of patients with inflammatory myopathies.
Neurology. 2000 Jan 11;54(1):65-71.

h cb h g e e e fcg e ch b e

PMID: 10636127 [PubMed - indexed for MEDLINE]

84: Marx F, Blasko I, Zisterer K, Grubeck-Loebenstein B. Related Articles, I

Transfected human B cells: a new model to study the functional and immunostimulatory consequences of APP production.
Exp Gerontol. 1999 Sep;34(6):783-95.
PMID: 10579638 [PubMed - indexed for MEDLINE]

85: Soriano S, Chyung AS, Chen X, Stokin GB, Lee VM, Koo EH. Related Articles, I

Expression of beta-amyloid precursor protein-CD3gamma chimeras to demonstrate the selective generation of amyloid beta(1-40) and amyloid beta 42) peptides within secretory and endocytic compartments.
J Biol Chem. 1999 Nov 5;274(45):32295-300.
PMID: 10542269 [PubMed - indexed for MEDLINE]

86: Lopez-Perez E, Seidah NG, Checler F. Related Articles, I

Proprotein convertase activity contributes to the processing of the Alzheimer beta-amyloid precursor protein in human cells: evidence for a role of the prohormone convertase PC7 in the constitutive alpha-secretase pathway.
J Neurochem. 1999 Nov;73(5):2056-62.
PMID: 10537065 [PubMed - indexed for MEDLINE]

87: Senaldi G, Varnum BC, Sarmiento U, Starnes C, Lile J, Scully S, Guo J, Elliott G, McNinch J, Shaklee CL, Freeman D, Manu F, Simonet WS, Boone T, Chang MS. Related Articles, I

Novel neurotrophin-1/B cell-stimulating factor-3: a cytokine of the IL-6 fam
Proc Natl Acad Sci U S A. 1999 Sep 28;96(20):11458-63.
PMID: 10500198 [PubMed - indexed for MEDLINE]

88: Suffredini AF, Fantuzzi G, Badolato R, Oppenheim JJ, O'Grady NP. Related Articles, I

New insights into the biology of the acute phase response.
J Clin Immunol. 1999 Jul;19(4):203-14. Review.
PMID: 10471974 [PubMed - indexed for MEDLINE]

89: Pellegrini L, Passer BJ, Tabaton M, Ganjei JK, D'Adamio L. Related Articles, I

Alternative, non-secretase processing of Alzheimer's beta-amyloid precursor protein during apoptosis by caspase-6 and -8.
J Biol Chem. 1999 Jul 23;274(30):21011-6.
PMID: 10409650 [PubMed - indexed for MEDLINE]

90: Betmouni S, Perry VH. Related Articles, I

The acute inflammatory response in CNS following injection of prion brain homogenate or normal brain homogenate.
Neuropathol Appl Neurobiol. 1999 Feb;25(1):20-8.
PMID: 10194772 [PubMed - indexed for MEDLINE]

91: Rafalowska J. Related Articles, I

HIV-1-infection in the CNS. A pathogenesis of some neurological syndrome the light of recent investigations.
Folia Neuropathol. 1998;36(4):211-6. Review.
PMID: 10079602 [PubMed - indexed for MEDLINE]

92: Yamada T, Tsujioka Y, Takahashi M, Tsuboi Y, Taguchi J, Yoshie O. Related Articles, I

Immunohistochemistry and in situ hybridization of T-cell acute lymphoblasti leukemia-associated antigen 1 in human brain tissues.
Dement Geriatr Cogn Disord. 1999 Mar-Apr;10(2):59-63.
PMID: 10026376 [PubMed - indexed for MEDLINE]

93: Weidemann A, Paliga K, Durrwang U, Reinhard FB, Schuckert O, Evin G, Masters CL. Related Articles, I

Proteolytic processing of the Alzheimer's disease amyloid precursor protein within its cytoplasmic domain by caspase-like proteases.
J Biol Chem. 1999 Feb 26;274(9):5823-9.
PMID: 10026204 [PubMed - indexed for MEDLINE]

94: Bell JE. Related Articles, I

The neuropathology of adult HIV infection.
Rev Neurol (Paris). 1998 Dec;154(12):816-29. Review.
PMID: 9932303 [PubMed - indexed for MEDLINE]

95: Dalakas MC. Related Articles, I

Molecular immunology and genetics of inflammatory muscle diseases.
Arch Neurol. 1998 Dec;55(12):1509-12. Review.
PMID: 9865793 [PubMed - indexed for MEDLINE]

96: Kirkley SA, Cowles J, Pellegrini VD, Harris CM, Boyd AD, Blumberg N. Related Articles, I

Blood transfusion and total joint replacement surgery: T helper 2 (TH2) cytokine secretion and clinical outcome.
Transfus Med. 1998 Sep;8(3):195-204.
PMID: 9800291 [PubMed - indexed for MEDLINE]

97: Estrada A, Stenzel TT, Burchette JL, Allen NB. Related Articles, I

Multiple myeloma-associated amyloidosis and giant cell arteritis.
Arthritis Rheum. 1998 Jul;41(7):1312-7.
PMID: 9663490 [PubMed - indexed for MEDLINE]

98: Mountz JD, Wu J, Zhou T, Hsu HC. Related Articles, I

Cell death and longevity: implications of Fas-mediated apoptosis in T-cell senescence.
Immunol Rev. 1997 Dec;160:19-30. Review.
PMID: 9476662 [PubMed - indexed for MEDLINE]

99: Mountz JD, Hsu HC. Related Articles, I

Clinical features associated with correction of T-cell senescence: increased acute-phase response, amyloidosis and arthritis.
Dev Comp Immunol. 1997 Nov-Dec;21(6):509-23. Review.
PMID: 9463784 [PubMed - indexed for MEDLINE]

100: Muller TF, Grebe SO, Neumann MC, Heymanns J, Radsak K, Sprenger H, Lange H Related Articles, I

Persistent long-term changes in lymphocyte subsets induced by polyclonal antibodies.
Transplantation. 1997 Nov 27;64(10):1432-7.
PMID: 9392307 [PubMed - indexed for MEDLINE]

101: Schubert W, Agha-Amiri K, Mayboroda O, Rethfeldt C. Related Articles, I

Dipeptidyl peptidase IV (CD26) and Alzheimer amyloid protein precursor (APP) in polymyositis.
Adv Exp Med Biol. 1997;421:273-7. Review. No abstract available.
PMID: 9330708 [PubMed - indexed for MEDLINE]

102: Hsu HC, Zhou T, Yang PA, Herrera GA, Mountz JD. Related Articles, I

Increased acute-phase response and renal amyloidosis in aged CD2-fas-transgenic mice.
J Immunol. 1997 Jun 15;158(12):5988-96.

PMID: 9190953 [PubMed - indexed for MEDLINE]

103: Doffinger R, Klein TC, Pepys MB, Casanova JL, Kyewski BA. Related Articles, I

The MHC class II-restricted T cell response of C57BL/6 mice to human C-reactive protein: homology to self and the selection of T cell epitopes and T cell receptors.
Mol Immunol. 1997 Feb;34(2):115-24.
PMID: 9188844 [PubMed - indexed for MEDLINE]

104: Hosono M, Hanada K, Toichi E, Naiki H, Higuchi K, Hosokawa T. Related Articles, I

Immune abnormality in relation to nonimmune diseases in SAM mice.
Exp Gerontol. 1997 Jan-Apr;32(1-2):181-95. Review.
PMID: 9088915 [PubMed - indexed for MEDLINE]

105: Cupler EJ, Leon-Monzon M, Miller J, Semino-Mora C, Anderson TL, Dalakas MC. Related Articles, I

Inclusion body myositis in HIV-1 and HTLV-1 infected patients.
Brain. 1996 Dec;119 (Pt 6):1887-93.
PMID: 9009995 [PubMed - indexed for MEDLINE]

106: Sivakumar K, Dalakas MC. Related Articles, I

The spectrum of familial inclusion body myopathies in 13 families and a description of a quadriceps-sparing phenotype in non-Iranian Jews.
Neurology. 1996 Oct;47(4):977-84.
PMID: 8857730 [PubMed - indexed for MEDLINE]

107: Trieb K, Ransmayr G, Sgonc R, Lassmann H, Grubeck-Loebenstein B. Related Articles, I

APP peptides stimulate lymphocyte proliferation in normals, but not in pati with Alzheimer's disease.
Neurobiol Aging. 1996 Jul-Aug;17(4):541-7.
PMID: 8832628 [PubMed - indexed for MEDLINE]

108: Yamada M, Itoh Y, Shintaku M, Kawamura J, Jensson O, Thorsteinsson L, Suematsu N, Matsushita M, Otomo E. Related Articles, I

Immune reactions associated with cerebral amyloid angiopathy.
Stroke. 1996 Jul;27(7):1155-62.
PMID: 8685920 [PubMed - indexed for MEDLINE]

109: Stoll G. Related Articles, I

Immunocytochemistry as a diagnostic tool.
Baillieres Clin Neurol. 1996 Mar;5(1):129-42. Review.
PMID: 8732204 [PubMed - indexed for MEDLINE]

110: Preciado-Patt L, Hershkoviz R, Fridkin M, Lider O. Related Articles, I

Serum amyloid A binds specific extracellular matrix glycoproteins and indu the adhesion of resting CD4+ T cells.
J Immunol. 1996 Feb 1;156(3):1189-95.
PMID: 8557997 [PubMed - indexed for MEDLINE]

111: Cohen CD, Vollmayr B, Aldenhoff JB. Related Articles, I

K+ currents of human T-lymphocytes are unaffected by Alzheimer's disease and amyloid beta protein.
Neurosci Lett. 1996 Jan 5;202(3):177-80.
PMID: 8848260 [PubMed - indexed for MEDLINE]

112: Pruitt JN 2nd, Showalter CJ, Engel AG. Related Articles, I

Sporadic inclusion body myositis: counts of different types of abnormal fib
Ann Neurol. 1996 Jan;39(1):139-43.

h cb hg e e e fcg e ch b e

PMID: 8572661 [PubMed - indexed for MEDLINE]

113: Gehrmann J, Banati RB, Cuzner ML, Kreutzberg GW, Newcombe J. Related Articles, l

Amyloid precursor protein (APP) expression in multiple sclerosis lesions.
Glia. 1995 Oct;15(2):141-51.
PMID: 8567065 [PubMed - indexed for MEDLINE]

114: Xu L, Badolato R, Murphy WJ, Longo DL, Anver M, Hale S, Oppenheim JJ, Wang JM. Related Articles, l

A novel biologic function of serum amyloid A. Induction of T lymphocyte migration and adhesion.
J Immunol. 1995 Aug 1;155(3):1184-90.
PMID: 7636186 [PubMed - indexed for MEDLINE]

115: Zaidi SH, Malter JS. Related Articles, l

Nucleolin and heterogeneous nuclear ribonucleoprotein C proteins specifica interact with the 3'-untranslated region of amyloid protein precursor mRNA
J Biol Chem. 1995 Jul 21;270(29):17292-8.
PMID: 7615529 [PubMed - indexed for MEDLINE]

116: Banati RB, Gehrmann J, Lannes-Vieira J, Wekerle H, Kreutzberg GW. Related Articles, l

Inflammatory reaction in experimental autoimmune encephalomyelitis (EA is accompanied by a microglial expression of the beta A4-amyloid precurso protein (APP).
Glia. 1995 Jul;14(3):209-15.
PMID: 7591032 [PubMed - indexed for MEDLINE]

117: Armstrong RA, Winsper SJ, Blair JA. Related Articles, l

Hypothesis: is Alzheimer's disease a metal-induced immune disorder?
Neurodegeneration. 1995 Mar;4(1):107-11.
PMID: 7600179 [PubMed - indexed for MEDLINE]

118: Alles VV, Bottazzi B, Peri G, Golay J, Introna M, Mantovani A. Related Articles, l

Inducible expression of PTX3, a new member of the pentraxin family, in human mononuclear phagocytes.
Blood. 1994 Nov 15;84(10):3483-93.
PMID: 7949102 [PubMed - indexed for MEDLINE]

119: Fukuyama R, Murakawa Y, Rapoport SI. Related Articles, l

Induction of gene expression of amyloid precursor protein (APP) in activat human lymphoblastoid cells and lymphocytes.
Mol Chem Neuropathol. 1994 Oct-Dec;23(2-3):93-101.Erratum in: Mol Chem Neuropath 1995 Feb-Apr;24(2-3):319.
PMID: 7702710 [PubMed - indexed for MEDLINE]

120: Preciado-Patt L, Levartowsky D, Prass M, Hershkoviz R, Lider O, Fridkin M. Related Articles, l

Inhibition of cell adhesion to glycoproteins of the extracellular matrix by peptides corresponding to serum amyloid A. Toward understanding the physiological role of an enigmatic protein.
Eur J Biochem. 1994 Jul 1;223(1):35-42.
PMID: 8033906 [PubMed - indexed for MEDLINE]

121: Perfetti V, Bellotti V, Maggi A, Arbustini E, De Benedetti F, Paulli M, Marinone MG, Merlini G. Related Articles, l

Reversal of nephrotic syndrome due to reactive amyloidosis (AA-type) afte excision of localized Castleman's disease.
Am J Hematol. 1994 Jul;46(3):189-93.
PMID: 7910717 [PubMed - indexed for MEDLINE]

122: Nishikaku F, Aono S, Koga Y. Related Articles, i

Protective effects of D-penicillamine and a thiazole derivative, SM-8849, o pristane-induced arthritis in mice.
Int J Immunopharmacol. 1994 Feb;16(2):91-100.
PMID: 7514159 [PubMed - indexed for MEDLINE]

123: McGeer PL, Rogers J, McGeer EG. Related Articles, i

Neuroimmune mechanisms in Alzheimer disease pathogenesis.
Alzheimer Dis Assoc Disord. 1994 Fall;8(3):149-58. Review.
PMID: 7986484 [PubMed - indexed for MEDLINE]

124: Argiles A, Mourad G, Kerr PG, Garcia M, Collins B, Demaille JG. Related Articles, i

Cells surrounding haemodialysis-associated amyloid deposits are mainly macrophages.
Nephrol Dial Transplant. 1994;9(6):662-7.
PMID: 7970093 [PubMed - indexed for MEDLINE]

125: Schubert W, Masters CL, Beyreuther K. Related Articles, i

APP+ T lymphocytes selectively sorted to endomysial tubes in polymyositi displace NCAM-expressing muscle fibers.
Eur J Cell Biol. 1993 Dec;62(2):333-42.
PMID: 7925489 [PubMed - indexed for MEDLINE]

126: Chou SM. Related Articles, i

Inclusion body myositis.
Baillieres Clin Neurol. 1993 Nov;2(3):557-77. Review.
PMID: 8156143 [PubMed - indexed for MEDLINE]

127: Geiger T, Towbin H, Cosenti-Vargas A, Zingel O, Arnold J, Rordorf C, Glatt M, Vosbeck K. Related Articles, i

Neutralization of interleukin-1 beta activity in vivo with a monoclonal antibody alleviates collagen-induced arthritis in DBA/1 mice and prevents t associated acute-phase response.
Clin Exp Rheumatol. 1993 Sep-Oct;11(5):515-22.
PMID: 8275587 [PubMed - indexed for MEDLINE]

128: Qiao JH, Castellani LW, Fishbein MC, Lusis AJ. Related Articles, i

Immune-complex-mediated vasculitis increases coronary artery lipid accumulation in autoimmune-prone MRL mice.
Arterioscler Thromb. 1993 Jun;13(6):932-43.
PMID: 8499414 [PubMed - indexed for MEDLINE]

129: Kalovidouris AE. Related Articles, i

Immune aspects of myositis.
Curr Opin Rheumatol. 1992 Dec;4(6):809-14. Review.
PMID: 1333783 [PubMed - indexed for MEDLINE]

130: Monning U, Konig G, Banati RB, Mechler H, Czech C, Gehrmann J, Schreiter-Gasser U, Masters CL, Beyreuther K. Related Articles, i

Alzheimer beta A4-amyloid protein precursor in immunocompetent cells.
J Biol Chem. 1992 Nov 25;267(33):23950-6.
PMID: 1429732 [PubMed - indexed for MEDLINE]

131: Kaminski NE, Holsapple MP. Related Articles, i

A functional characterization of macrophage alterations in casein-treated B6C3F1 mice.
Immunopharmacology. 1992 Nov-Dec;24(3):229-40.
PMID: 1478855 [PubMed - indexed for MEDLINE]

132: Dalakas MC. Related Articles, I

Inflammatory and toxic myopathies.
Curr Opin Neurol Neurosurg. 1992 Oct;5(5):645-54. Review.
PMID: 1327303 [PubMed - indexed for MEDLINE]

133: Sepp N, Grunewald K, Soyer HP, Kerl H, Breathnach SM, Fritsch P, Hintner H. Related Articles, I

[Typing of infiltration cells in primary, localized, nodular, cutaneous amyloidosis]
Hautarzt. 1992 Apr;43(4):210-4. German.
PMID: 1597370 [PubMed - indexed for MEDLINE]

134: Bringuier AF, Seebold-Choqueux C, Moricard Y, Simmons DJ, Milhaud G, Labat ML. Related Articles, I

T-lymphocyte control of HLA-DR blood monocyte differentiation into neo-fibroblasts. Further evidence of pluripotential secreting functions of HLA-D monocytes, involving not only collagen but also uromodulin, amyloid-beta peptide, alpha-fetoprotein and carcinoembryonic antigen.
Biomed Pharmacother. 1992;46(2-3):91-108.
PMID: 1384752 [PubMed - indexed for MEDLINE]

135: Ohmori T, Uraga N, Tabei R. Related Articles, I

Warthin's tumor as a hamartomatous dysplastic lesion: a histochemical and immunohistochemical study.
Histol Histopathol. 1991 Oct;6(4):559-65.
PMID: 1804434 [PubMed - indexed for MEDLINE]

136: Gelin J, Moldawer LL, Lonnroth C, Sherry B, Chizzonite R, Lundholm K. Related Articles, I

Role of endogenous tumor necrosis factor alpha and interleukin 1 for experimental tumor growth and the development of cancer cachexia.
Cancer Res. 1991 Jan 1;51(1):415-21.
PMID: 1703040 [PubMed - indexed for MEDLINE]

137: Eikelenboom P, Rozemuller JM, Kraal G, Stam FC, McBride PA, Bruce ME, Fraser H. Related Articles, I

Cerebral amyloid plaques in Alzheimer's disease but not in scrapie-affected mice are closely associated with a local inflammatory process.
Virchows Arch B Cell Pathol Incl Mol Pathol. 1991;60(5):329-36.
PMID: 1685040 [PubMed - indexed for MEDLINE]

138: Monning U, Konig G, Prior R, Mechler H, Schreiter-Gasser U, Masters CL, Beyreuther K. Related Articles, I

Synthesis and secretion of Alzheimer amyloid beta A4 precursor protein by stimulated human peripheral blood leucocytes.
FEBS Lett. 1990 Dec 17;277(1-2):261-6.
PMID: 2125277 [PubMed - indexed for MEDLINE]

139: Michal M, Koza V. Related Articles, I

Cleaved and multilobated cell immunocytoma of low grade malignancy wit amyloid. An immunohistochemical and electron microscopical study.
Zentralbl Allg Pathol. 1990;136(3):269-75.
PMID: 2192525 [PubMed - indexed for MEDLINE]

140: Katunuma N, Kido H. Related Articles, I

Recent advances in research on tryptases and endogenous tryptase inhibitor
Monogr Allergy. 1990;27:51-66. Review. No abstract available.
PMID: 2150689 [PubMed - indexed for MEDLINE]

141: Yoshioka H, Takeda T, Higuchi K, Ohshio G, Miyake T, Sugiyama T, Kita T Related Articles, i



Immunohistochemical examination of Peyer's patches in senescence-accelerated mice.
Autoimmunity. 1990;8(1):25-35.
PMID: 2129782 [PubMed - indexed for MEDLINE]

142: Chensue SW, Otterness IG, Higashi GI, Forsch CS, Kunkel SL. Related Articles, i



Monokine production by hypersensitivity (Schistosoma mansoni egg) and foreign body (Sephadex bead)-type granuloma macrophages. Evidence for sequential production of IL-1 and tumor necrosis factor.
J Immunol. 1989 Feb 15;142(4):1281-6.
PMID: 2464642 [PubMed - indexed for MEDLINE]

143: Ali-Khan Z, Sipe JD, Du T, Riml H. Related Articles, i



Echinococcus multilocularis: relationship between persistent inflammation, serum amyloid A protein response and amyloidosis in four mouse strains.
Exp Parasitol. 1988 Dec;67(2):334-45.
PMID: 3191961 [PubMed - indexed for MEDLINE]

144: Johns MA, Sipe JD, Melton LB, Strom TB, McCabe WR. Related Articles, i



Endotoxin-associated protein: interleukin-1-like activity on serum amyloid synthesis and T-lymphocyte activation.
Infect Immun. 1988 Jun;56(6):1593-601.
PMID: 3286501 [PubMed - indexed for MEDLINE]

145: Luty AJ, Mackenzie CD, Moloney NA. Related Articles, i



Secondary amyloidosis in normal and immunocompromised mice infected with Schistosoma japonicum.
Br J Exp Pathol. 1987 Dec;68(6):825-38.
PMID: 3122814 [PubMed - indexed for MEDLINE]

146: Murare HM, Agnew A, Baltz M, Lucas SB, Doenhoff MJ. Related Articles, i



The response to Schistosoma bovis in normal and T-cell deprived mice.
Parasitology. 1987 Dec;95 (Pt 3):517-30.
PMID: 2447551 [PubMed - indexed for MEDLINE]

147: Sarlo KT, Mortensen RF. Related Articles, i



Regulation of the antibody response by the acute phase reactant: mouse seri amyloid P-component (SAP).
Cell Immunol. 1987 May;106(2):273-86.
PMID: 2436816 [PubMed - indexed for MEDLINE]

148: Auron PE, Warner SJ, Webb AC, Cannon JG, Bernheim HA, McAdam KJ, Rosenwasser LJ, LoPreste G, Mucci SF, Dinarello CA. Related Articles, i



Studies on the molecular nature of human interleukin 1.
J Immunol. 1987 Mar 1;138(5):1447-56.
PMID: 3492551 [PubMed - indexed for MEDLINE]

149: Robertson BA, Gahring LC, Daynes RA. Related Articles, i



Neuropeptide regulation of interleukin-1 activities. Capacity of alpha-melanocyte stimulating hormone to inhibit interleukin-1-inducible response vivo and in vitro exhibits target cell selectivity.
Inflammation. 1986 Dec;10(4):371-85.
PMID: 3025091 [PubMed - indexed for MEDLINE]

150: Mori Y, Akikusa B, Mori T, Ueda S, Iesato K, Yoshida H, Ogawa M, Kato I, Wakashin Y, Wakashin M. Related Articles, i

h cb h g e e e fcg e ch b e

Experimental systemic amyloidosis induced by immunization with syngene organ extracts in mice.
J Exp Med. 1986 Jun 1;163(6):1553-65.
PMID: 3519830 [PubMed - indexed for MEDLINE]

151: Westmacott D, Hawkes JE, Hill RP, Clarke LE, Bloxham DP. Related Articles,

Comparison of the effects of recombinant murine and human interleukin-1 vitro and in vivo.
Lymphokine Res. 1986;5 Suppl 1:S87-91. No abstract available.
PMID: 2946905 [PubMed - indexed for MEDLINE]

152: Bocchieri MH, Smith JB Jr, Smith JB, Staruch MJ, Wood DD. Related Articles,

Functional consequences of perceived interleukin deficiencies? Analysis employing NZB x C58 recombinant inbred mice.
Clin Exp Immunol. 1985 Dec;62(3):622-9.
PMID: 3878752 [PubMed - indexed for MEDLINE]

153: Fontana A, Bodmer S, Frei K. Related Articles,

[Interleukin 1]
Schweiz Med Wochenschr. 1985 Oct 12;115(41):1424-8. Review. German.
PMID: 2416045 [PubMed - indexed for MEDLINE]

154: Gahring LC, Buckley A, Daynes RA. Related Articles,

Presence of epidermal-derived thymocyte activating factor/interleukin 1 in normal human stratum corneum.
J Clin Invest. 1985 Oct;76(4):1585-91.
PMID: 2997285 [PubMed - indexed for MEDLINE]

155: Verea HR, Dominguez L, Montero C, Martin MT, Masa JF, Amigo J, Fontan JM Related Articles,

[Common-variable hypogammaglobulinemia with reactive amyloidosis. A with a deficiency of T4+ cells]
Med Clin (Barc). 1985 Jun 8;85(2):66-9. Spanish. No abstract available.
PMID: 3160898 [PubMed - indexed for MEDLINE]

156: Staruch MJ, Wood DD. Related Articles,

Reduction of serum Interleukin-1-like activity after treatment with dexamethasone.
J Leukoc Biol. 1985 Feb;37(2):193-207.
PMID: 3871468 [PubMed - indexed for MEDLINE]

157: Morel-Maroger Striker L, Striker GE. Related Articles,

Glomerular lesions in malignancies.
Contrib Nephrol. 1985;48:111-24. Review.
PMID: 3912107 [PubMed - indexed for MEDLINE]

158: Levo Y, Wollner S. Related Articles,

Effects of serum amyloid P component on human lymphocytes.
Int Arch Allergy Appl Immunol. 1985;77(3):322-5.
PMID: 3874171 [PubMed - indexed for MEDLINE]

159: Rodeck U, Kuwert E, Ohnhaus E. Related Articles,

[Regulatory T-lymphocytes in the immune deficiency syndrome]
Monatsschr Kinderheilkd. 1984 Apr;132(4):238-9. German.
PMID: 6610109 [PubMed - indexed for MEDLINE]

160: Dinarello CA. Related Articles,

Interleukin-1.

Rev Infect Dis. 1984 Jan-Feb;6(1):51-95. Review.
PMID: 6369481 [PubMed - indexed for MEDLINE]

161: Maury CP. Related Articles,

Reactive (secondary) amyloidosis and its pathogenesis.
Rheumatol Int. 1984;5(1):1-7. Review.
PMID: 6084866 [PubMed - indexed for MEDLINE]

162: Eikelenboom P, Jonker C, Stam FC. Related Articles,

[Do immunological factors play a role in the pathogenesis of Alzheimer's disease?]
Tijdschr Gerontol Geriatr. 1983 Oct;14(5):181-5. Dutch.
PMID: 6606242 [PubMed - indexed for MEDLINE]

163: Luger TA, Stadler BM, Luger BM, Sztein MB, Schmidt JA, Hawley-Nelson P, Grabner G, Oppenheim JJ. Related Articles,

Characteristics of an epidermal cell thymocyte-activating factor (ETAF) produced by human epidermal cells and a human squamous cell carcinoma line.
J Invest Dermatol. 1983 Sep;81(3):187-93.
PMID: 6604110 [PubMed - indexed for MEDLINE]

164: Melamed I, Shemer Y, Zakuth V, Tzehoval E, Pras M, Spirer Z. Related Articles,

The immune system in familial Mediterranean fever.
Clin Exp Immunol. 1983 Sep;53(3):659-62.
PMID: 6225577 [PubMed - indexed for MEDLINE]

165: Fontana A, McAdam KP, Kristensen F, Weber E. Related Articles,

Biological and biochemical characterization of an interleukin 1-like factor from rat C6 glioma cells.
Eur J Immunol. 1983 Aug;13(8):685-9.
PMID: 6603983 [PubMed - indexed for MEDLINE]

166: Luger TA, Sztein MB, Schmidt JA, Murphy P, Grabner G, Oppenheim JJ. Related Articles,

Properties of murine and human epidermal cell-derived thymocyte-activatir factor.
Fed Proc. 1983 Jul;42(10):2772-6.
PMID: 6602721 [PubMed - indexed for MEDLINE]

167: Sztein MB, Luger TA, Oppenheim JJ. Related Articles,

An epidermal cell-derived cytokine triggers the in vivo synthesis of serum amyloid A by hepatocytes.
J Immunol. 1982 Jul;129(1):87-90.
PMID: 7045226 [PubMed - indexed for MEDLINE]

168: Aldo-Benson MA, Benson MD. Related Articles,

SAA suppression of immune response in vitro: evidence for an effect on T cell-macrophage interaction.
J Immunol. 1982 Jun;128(6):2390-2.
PMID: 6978903 [PubMed - indexed for MEDLINE]

169: Oppenheim JJ, Stadler BM, Siraganian RP, Mage M, Mathieson B. Related Articles,

Lymphokines: their role in lymphocyte responses. Properties of interleukin
Fed Proc. 1982 Feb;41(2):257-62.
PMID: 6800841 [PubMed - indexed for MEDLINE]

170: Benson MD, Aldo-Benson MA. Related Articles,

SAA suppression of in vitro antibody response.
Ann N Y Acad Sci. 1982;389:121-5. No abstract available.
PMID: 6212016 [PubMed - indexed for MEDLINE]

171: Fuks A, Zucker-Franklin D, Franklin EC. Related Articles, l

Factors affecting the release of proteases from peripheral blood monocytes.
Scand J Immunol. 1981 Nov;14(5):577-9.
PMID: 7038855 [PubMed - indexed for MEDLINE]

172: Wohlgethan JR, Cathcart ES. Related Articles, l

Amyloidosis in (CBA/J X A/J)F2 mice: correlation of amyloid resistance a low mitogenic response to concanavalin A.
J Immunol. 1981 Sep;127(3):1003-7.
PMID: 7264297 [PubMed - indexed for MEDLINE]

173: Miller MW, Shearer GM, McAdam KP. Related Articles, l

Suppression of T cell-mediated cytotoxic responses by spleen cells from mi rendered pre-amyloid by a single injection of complete Freund's adjuvant a Mycobacterium butyricum.
J Immunol. 1980 Dec;125(6):2559-64. No abstract available.
PMID: 6448899 [PubMed - indexed for MEDLINE]

174: Rengachary SS, Racela LS, Watanabe I, Abdou N. Related Articles, l

Neurosurgical and immunological implications of primary cerebral amyloic (congophilic) angiopathy.
Neurosurgery. 1980 Jul;7(1):1-9.
PMID: 6447839 [PubMed - indexed for MEDLINE]

175: Porwit-Ksiazek A. Related Articles, l

[Pathogenesis of amyloidosis]
Pol Tyg Lek. 1980 Mar 17;35(11):407-10. Review. Polish. No abstract available.
PMID: 6770350 [PubMed - indexed for MEDLINE]

176: Pepys MB, Baltz ML, Musallam R, Doenhoff MJ. Related Articles, l

Serum protein concentrations during Schistosoma mansoni infection in inta and T-cell deprived mice. I. The acute phase proteins, C3 and serum amyloi P-component (SAP).
Immunology. 1980 Feb;39(2):249-54.
PMID: 6966607 [PubMed - indexed for MEDLINE]

177: Kedar I, Ravid M. Related Articles, l

The role of polymorphonuclear leucocytes and T lymphocytes in experimer murine amyloidosis.
Eur J Clin Invest. 1980 Feb;10(1):63-5.
PMID: 6768570 [PubMed - indexed for MEDLINE]

178: Rosenthal CJ, Sullivan L. Related Articles, l

Serum amyloid A: evidence for its origin in polymorphonuclear leukocytes.
J Clin Invest. 1978 Dec;62(6):1181-6. No abstract available.
PMID: 311782 [PubMed - indexed for MEDLINE]

179: Scheinberg MA, Cathcart ES. Related Articles, l

New concepts in the pathogenesis of primary and secondary amyloid diseas
Clin Exp Immunol. 1978 Jul;33(1):185-90. Review.
PMID: 361316 [PubMed - indexed for MEDLINE]

180: Neiman RS, Dervan P, Haudenschild C, Jaffe R. Related Articles, l

h cb h g e e e fcg e ch b e

Angioimmunoblastic lymphadenopathy: an ultrastructural and immunologi study with review of the literature.
Cancer. 1978 Feb;41(2):507-18.
PMID: 305284 [PubMed - indexed for MEDLINE]

181: Cohen AS, Cathcart ES, Skinner M. Related Articles, I

Amyloidosis: current trends in its investigation.
Arthritis Rheum. 1978 Jan-Feb;21(1):153-60. Review. No abstract available.
PMID: 414758 [PubMed - indexed for MEDLINE]

182: Kuznetsova OP, Khasabov NN. Related Articles, I

[State of the immunity and treatment of amyloidosis]
Ter Arkh. 1978;50(8):143-8. Russian. No abstract available.
PMID: 308708 [PubMed - indexed for MEDLINE]

183: Scheinberg MA. Related Articles, I

Immunology of amyloid disease: a review.
Semin Arthritis Rheum. 1977 Nov;7(2):133-40. Review. No abstract available.
PMID: 73225 [PubMed - indexed for MEDLINE]

184: Clerici E. Related Articles, I

[Amyloidoses (proceedings)]
Minerva Med. 1977 Oct 27;68(51):3517-8. Italian. No abstract available.
PMID: 412141 [PubMed - indexed for MEDLINE]

185: McAdam KP, Sipe JD. Related Articles, I

Murine model for human secondary amyloidosis: genetic variability of the acute-phase serum protein SAA response to endotoxins and casein.
J Exp Med. 1976 Oct 1;144(4):1121-7.
PMID: 978136 [PubMed - indexed for MEDLINE]

186: Gagliano RG, Costanzi JJ, Beathard GA, Sarles HE, Bell JD. Related Articles, I

The nephrotic syndrome associated with neoplasia: an unusual paraneoplast syndrome. Report of a case and review of the literature.
Am J Med. 1976 Jun;60(7):1026-31.
PMID: 180801 [PubMed - indexed for MEDLINE]

187: Scheinberg MA, Cathcart ES. Related Articles, I

Comprehensive study of humoral and cellular immune abnormalities in 26 patients with systemic amyloidosis.
Arthritis Rheum. 1976 Mar-Apr;19(2):173-82.
PMID: 1083238 [PubMed - indexed for MEDLINE]

188: Scheinberg MA, Goldstein AL, Cathcart ES. Related Articles, I

Thymosin restores T cell function and reduces the incidence of amyloid disease in casein-treated mice.
J Immunol. 1976 Jan;116(1):156-8.
PMID: 1081998 [PubMed - indexed for MEDLINE]

189: Baumal R, Pass E, Wilson B. Related Articles, I

Casein-induced murine amyloidosis: amyloid and immunoglobulin product and proliferative capacity of splenocytes.
Adv Exp Med Biol. 1976;66:679-84.
PMID: 817578 [PubMed - indexed for MEDLINE]

190: Britton S. Related Articles, I

Experimental amyloidosis: the inducer is a polyclonal B-cell activator to wl

susceptibility is under genetic control.
J Exp Med. 1975 Dec 1;142(6):1564-9.
PMID: 1104749 [PubMed - indexed for MEDLINE]

191: Scheinberg MA, Bennett M, Cathcart ES. Related Articles,

Casein-induced experimental amyloidosis. V. The response of lymphoid organs to T and B mitogens.
Lab Invest. 1975 Jul;33(1):96-101.
PMID: 49456 [PubMed - indexed for MEDLINE]

192: Kronvall G, Husby G, Samuel D, Bjune G, Wheate H. Related Articles,

Amyloid-related serum component (protein ASC) IN LEPROSY PATIENT
Infect Immun. 1975 May;11(5):969-72.
PMID: 804451 [PubMed - indexed for MEDLINE]

193: Natvig JB, Abrahamsen T, Anders R, Froland SS, Husby G, Hoveraal HM, Kass E, Mellbye OJ, Munthe E, Pahle J, Wisloff F. Related Articles,

Lymphocyte subpopulations and immune reactions in rheumatoid inflammatory tissues.
Scand J Rheumatol Suppl. 1975(12 suppl):77-88. No abstract available.
PMID: 1084571 [PubMed - indexed for MEDLINE]

194: Good RA. Related Articles,

Highlights of the workshop on primary immunodeficiencies: where have we been - where are we going?
Birth Defects Orig Artic Ser. 1975;11(1):579-91. No abstract available.
PMID: 125123 [PubMed - indexed for MEDLINE]

195: Cohen AS, Cathcart ES. Related Articles,

Amyloidosis and immunoglobulins.
Adv Intern Med. 1974;19:41-55. Review. No abstract available.
PMID: 4592720 [PubMed - indexed for MEDLINE]

196: Belohradsky BH, Finstad J, Fudenberg HH, Good RA, Kunkel HG, Rosen F. Related Articles,

Meeting report of the Second International Workshop on Primary Immunodeficiency Diseases in Man.
Clin Immunol Immunopathol. 1974 Jan;2(2):281-95. No abstract available.
PMID: 4544617 [PubMed - indexed for MEDLINE]

197: Nielsen G, Leuchars E, Doenhoff M, Ebbesen P. Related Articles,

Casein induced amyloidosis in T-cell deprived mice.
Acta Pathol Microbiol Scand [B] Microbiol Immunol. 1973 Apr;81(2):242-4. No abstract available.
PMID: 4588430 [PubMed - indexed for MEDLINE]

Display Summary Show: 500 Sort Send to Text

Write to the Help Desk
NCBI | NLM | NIH
Department of Health & Human Services
Privacy Statement | Freedom of Information Act | Disclaimer

Oct 4 2004 14:25:05

h cb h g e e e fcg e ch b e

```
* * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:31:54 ON 05 OCT 2004

=> file BIOSCIENCE
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
FILE 'ADISCTI' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISINSIGHT' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISNEWS' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'AGRICOLA' ENTERED AT 12:32:11 ON 05 OCT 2004

FILE 'AQUALINE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'ANABSTR' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (c) 2004 THE ROYAL SOCIETY OF CHEMISTRY (RSC)

FILE 'ANTE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'AQUASCI' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved.

FILE 'BIOBUSINESS' ENTERED AT 12:32:11 ON 05 OCT 2004
Copyright (c) 1998 The Thomson Corporation.

FILE 'BIOCOMMERCE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 BioCommerce Data Ltd. Richmond Surrey, United Kingdom. All r:

FILE 'BIOENG' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'BIOSIS' ENTERED AT 12:32:11 ON 05 OCT 2004
Copyright (c) 2004 The Thomson Corporation.

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'BIOTECHNO' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'CABA' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 CAB INTERNATIONAL (CABI)

FILE 'CANCERLIT' ENTERED AT 12:32:11 ON 05 OCT 2004

FILE 'CAPLUS' ENTERED AT 12:32:11 ON 05 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CEABA-VTB' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (c) 2004 DECHEMA eV

FILE 'CEN' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2001 American Chemical Society (ACS)

FILE 'CIN' ENTERED AT 12:32:11 ON 05 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CONFSCI' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'CROPB' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION
```

FILE 'CROPU' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'DISSABS' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserve

FILE 'DDFB' ACCESS NOT AUTHORIZED

FILE 'DDFU' ACCESS NOT AUTHORIZED

FILE 'DGENE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'DRUGB' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'DRUGMONOG2' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'IMSDRUGNEWS' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'DRUGU' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'IMSRESEARCH' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'EMBAL' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'EMBASE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'ESBIOBASE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'FEDRIP' ENTERED AT 12:32:11 ON 05 OCT 2004

FILE 'FOMAD' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FOREGE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FROSTI' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FSTA' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 International Food Information Service

FILE 'GENBANK' ENTERED AT 12:32:11 ON 05 OCT 2004

FILE 'HEALSAFE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'IFIPAT' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 IFI CLAIMS(R) Patent Services (IFI)

FILE 'IMSPRODUCT' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'JICST-EPLUS' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Japan Science and Technology Agency (JST)

FILE 'KOSMET' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 International Federation of the Societies of Cosmetics Chemi

FILE 'LIFESCI' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'MEDICONF' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (c) 2004 FAIRBASE Datenbank GmbH, Hannover, Germany

FILE 'MEDLINE' ENTERED AT 12:32:11 ON 05 OCT 2004

FILE 'NIOSHTIC' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 U.S. Secretary of Commerce on Behalf of the U.S. Government

FILE 'NTIS' ENTERED AT 12:32:11 ON 05 OCT 2004
Compiled and distributed by the NTIS, U.S. Department of Commerce.
It contains copyrighted material.
All rights reserved. (2004)

FILE 'NUTRACEUT' ENTERED AT 12:32:11 ON 05 OCT 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'OCEAN' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'PASCAL' ENTERED AT 12:32:11 ON 05 OCT 2004
Any reproduction or dissemination in part or in full,
by means of any process and on any support whatsoever
is prohibited without the prior written agreement of INIST-CNRS.
COPYRIGHT (C) 2004 INIST-CNRS. All rights reserved.

FILE 'PCTGEN' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 WIPO

FILE 'PHAR' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHARMAML' ENTERED AT 12:32:11 ON 05 OCT 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'PHIC' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHIN' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PROMT' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Gale Group. All rights reserved.

FILE 'PROUSDDR' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'RDISCLOSURE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Kenneth Mason Publications Ltd.

FILE 'SCISEARCH' ENTERED AT 12:32:11 ON 05 OCT 2004
Copyright (c) 2004 The Thomson Corporation.

FILE 'SYNTHLINE' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'TOXCENTER' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 ACS

FILE 'USPATFULL' ENTERED AT 12:32:11 ON 05 OCT 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 12:32:11 ON 05 OCT 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'VETB' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'VETU' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'WATER' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'WPIDS' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THE THOMSON CORPORATION

FILE 'WPIFV' ENTERED AT 12:32:11 ON 05 OCT 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

```
=> s abeta OR amyloid beta OR amyloid precursor protein OR APP OR Abeta OR beta
  14 FILES SEARCHED...
  25 FILES SEARCHED...
  33 FILES SEARCHED...
  45 FILES SEARCHED...
  60 FILES SEARCHED...
  69 FILES SEARCHED...
L1       912124 ABETA OR AMYLOID BETA OR AMYLOID PRECURSOR PROTEIN OR APP OR
                ABETA OR BETA AMYLOID

=> S T helper cell OR T helper cell epitope
  12 FILES SEARCHED...
  14 FILES SEARCHED...
  22 FILES SEARCHED...
  25 FILES SEARCHED...
  33 FILES SEARCHED...
  45 FILES SEARCHED...
  52 FILES SEARCHED...
  64 FILES SEARCHED...
  69 FILES SEARCHED...
L2        43811 T HELPER CELL OR T HELPER CELL EPITOPE

=> S L1 AND L2
  26 FILES SEARCHED...
  60 FILES SEARCHED...
L3          453 L1 AND L2

=> DUP REM L3
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L3
L4            408 DUP REM L3 (45 DUPLICATES REMOVED)

=> D L4 1-408

L4   ANSWER 1 OF 408  IFIPAT  COPYRIGHT 2004 IFI on STN
AN    04042097  IFIPAT;IFIUDB;IFICDB
TI    SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO
        ***AMYLOID***      ***BETA***   FOR INDUCTION OF AN IMMUNE RESPONSE TO
        ***AMYLOID***      ***BETA***   AND AMYLOID DEPOSITS; FOR REDUCING THE
      FORMATION OF AMYLOID FIBRILS AND DEPOSITS
IN    Frangione Blas; Sigurdsson Einar M; Wisniewski Thomas
PA    New York University (59449)
PI    US 6713450      B2  20040330
      US 2002077288   A1  20020620
AI    US 2001-861847      20010522
PRAI  US 2000-205578P     20000522 (Provisional)
FI    US 6713450          20040330
      US 2002077288       20020620
DT    Utility; Granted Patent - Utility, with Pre-Grant Publication
FS    CHEMICAL
      GRANTED
MRN   011986   MFN: 0823
CLMN  30
GI     10 Drawing Sheet(s),  13 Figure(s).
     FIG. 1 shows the results of a thioflavin T fluorometric assay. Fibril
      formation of A beta 1-42, A beta 1-30-NH2, and K6A beta 1-30-NH2 (SEQ ID
      NO:6) was measured in vitro following incubation at 37 degrees C. K6A
      beta 1-30-NH2 was the only peptide that did not form fibrils at any of
      the time points.
     FIGS. 2A and 2B show that A beta 40 and A beta 42 are toxic to human
      neuroblastoma cells (SK-N-SH) in culture as determined by the MTT assay,
      whereas K6A beta 30-NH2 has no effect at 2 days (FIG. 2A) and is slightly
      trophic at 6 days (FIG. 2B). *p lessthan 0.05; **p less-than 0.01; ***p
      less-than 0.001 compared to VEH group (one-way ANOVA).
     FIGS. 3A-3D show coronal sections (X50; original magnification) stained
      with 6E10 against A beta, through the hippocampus and cortex in a Tg
      control-(FIG. 3A) and K6A beta 1-30-treated (FIG. 3B) Tg mouse. FIGS. 3C
      and 3D are adjacent sections (X100) double stained for interleukin-1 that
      recognizes microglia, and A beta . Note the reduction of amyloid burden
      in the immunized mouse (FIG. 3B), and the lack of ramified microglia
      (FIG. 3D) surrounding A beta plaque in the same mouse, compared to a
      control mouse (FIGS. 3A, 3C). The bars in FIGS. 3A and 3C are 100 mu m.
```

FIGS. 4A-4C show the reduction in cortical (FIG. 4A) and hippocampal (FIG. 4B) amyloid burden (6E10) following 7 months treatment with K6A beta 1-30-NH2. There is an 89% reduction in cortical amyloid burden (*p=0.0002; t-test; n=4 per group) and an 81% reduction in hippocampal amyloid burden (*p=0.0001). Soluble A beta 1-42 levels (FIG. 4C) are reduced by 57% within the brains of the vaccinated mice (*p=0.0019).

FIG. 5 shows the results of a thioflavin T fluorometric assay. Fibril formation of A beta 1-42, A beta 1-40, A beta 1-30-NH2, A beta 1-30K6, A beta 1-30-NH2(EE18,19) and A beta 1-30NH2(DD18,19) was measured in vitro following incubation at 37 degrees C.

FIGS. 6A and 6B show the results of MTT cell toxicity assay. Neurotoxicity of A beta 1-42, A beta 1-40, A beta 1-30-NH21 K6A beta 1-30-NH2, A beta 1-30K6, A beta 1-30-NH2(EE18,19) and A beta 1-30-NH2(DD18,19) was determined following treatment of human neuroblastoma cells (SK-N-SH) for 2 (FIG. 6A) and 6 (FIG. 6B) days. *p less-than 0.05; **p less-than 0.01; ***p less-than 0.001 compared to VEH group (one-way ANOVA)***

*** ***
***L4 ANSWER 2 OF 408 USPATFULL on STN ***
AN 2004:247988 USPATFULL
***TI Pharmaceutical compositions comprising modified cns-derived peptides
*** promoting nerve regeneration and prevention of nerve degeneration***
IN Eisenbach-Schwartz, Michal, Rehovot, ISRAEL
*** Hauben, Ehud, Rehovot, ISRAEL***
PI US 2004192588 A1 20040930
AI US 2004-466220 A1 20040105 (10)
*** WO 2002-IL32 20020114***
PRAI IL 2001-140888 20010114
DT Utility
FS APPLICATION
LN.CNT 1949
INCL INCLM: 514/008.000
*** INCLS: 514/012.000***
NCL NCLM: 514/008.000
*** NCLS: 514/012.000***
IC [7]
*** ICM: A61K038-17***
*** ***
***L4 ANSWER 3 OF 408 USPATFULL on STN ***
AN 2004:239700 USPATFULL
TI Epitope mapping using nuclear magnetic resonance
IN Heavner, George A., Malvern, PA, UNITED STATES
PI US 2004185506 A1 20040923
AI US 2003-393926 A1 20030321 (10)
DT Utility
FS APPLICATION
LN.CNT 2213
INCL INCLM: 435/007.200
NCL NCLM: 435/007.200
IC [7]
*** ICM: G01N033-53***
*** ICS: G01N033-567***
*** ***
***L4 ANSWER 4 OF 408 USPATFULL on STN ***
AN 2004:233973 USPATFULL
TI 33 human secreted proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
*** Ruben, Steven M., Olney, MD, UNITED STATES***
*** Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
*** Ni, Jian, Rockville, MD, UNITED STATES***
*** Moore, Paul A., Germantown, MD, UNITED STATES***
*** Young, Paul, Gaithersburg, MD, UNITED STATES***
*** Komatsoulis, George, Silver Spring, MD, UNITED STATES***
*** Birse, Charles E., North Potomac, MD, UNITED STATES***
PI US 2004181047 A1 20040916
AI US 2001-985153 A1 20011101 (9)
***RLI Continuation of Ser. No. US 2000-618150, filed on 17 Jul 2000, PEND
*** Continuation-in-part of Ser. No. WO 2000-US903, filed on 18 Jan 200
*** UNKNOWN***
PRAI US 1999-116330P 19990119 (60)
DT Utility
FS APPLICATION
LN.CNT 16829
INCL INCLM: 536/023.200
*** INCLS: 530/350.000; 435/183.000; 435/325.000; 435/069.100; 435/320.
NCL NCLM: 536/023.200

```
***IC      [7]***
***        ICM: C07H021-04***
***        ICS: C12N009-00; C12P021-02; C12N005-06; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 5 OF 408  USPATFULL on STN ***
***AN      2004:227357  USPATFULL***
***TI      Methods for monitoring drug activities in vivo***
***IN      Burczynski, Michael E., Swampscott, MA, UNITED STATES***
***        Twine, Natalie C., Goffstown, NH, UNITED STATES***
***        Dorner, Andrew J., Lexington, MA, UNITED STATES***
***        Trepicchio, William L., Andover, MA, UNITED STATES***
***PI      US 2004175743       A1   20040909***
***AI      US 2004-775169      A1   20040211 (10)***
***PRAI    US 2003-446133P      20030211 (60)***
***        US 2003-459782P      20030403 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 5514***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/007.210***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/007.210***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: G01N033-567***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 6 OF 408  USPATFULL on STN ***
***AN      2004:227009  USPATFULL***
***TI      PREVENTION AND TREATMENT OF AMYLOIDOGENIC DISEASE***
***IN      Schenk, Dale B., Burlingame, CA, UNITED STATES***
***PA      Neuralab Limited, Smiths, BERMUDA (U.S. corporation)***
***PI      US 2004175394       A1   20040909***
***AI      US 2004-815391      A1   20040331 (10)***
***RLI     Continuation of Ser. No. US 1998-201430, filed on 30 Nov 1998, PEND
***PRAI    US 1998-80970P       19980407 (60)***
***        US 1997-67740P       19971202 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2930***
***INCL    INCLM: 424/185.100***
***NCL     NCLM:  424/185.100***
***IC      [7]***
***        ICM: A61K039-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 7 OF 408  USPATFULL on STN ***
***AN      2004:221354  USPATFULL***
***TI      ALBUMIN FUSION PROTEINS***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Haseltine, William A., Washington, DC, UNITED STATES***
***PI      US 2004171123       A1   20040902***
***AI      US 2001-832929      A1   20010412 (9)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 17424***
***INCL    INCLM: 435/069.700***
***        INCLS: 424/192.100; 536/023.400; 435/252.300; 435/325.000***
***NCL     NCLM:  435/069.700***
***        NCLS:  424/192.100; 536/023.400; 435/252.300; 435/325.000***
***IC      [7]***
***        ICM: A61K038-00***
***        ICS: C12P021-04; A61K039-00; C07H021-04; C12N005-02; C12N005-00;***
***        C12N001-20***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 8 OF 408  USPATFULL on STN ***
***AN      2004:220874  USPATFULL***
***TI      PREVENTION AND TREATMENT OF AMYLOIDOGENIC DISEASE***
***IN      Schenk, Dale B., Burlingame, CA, UNITED STATES***
***PA      Neuralab Limited, Smiths, BERMUDA (U.S. corporation)***
***PI      US 2004170641       A1   20040902***
***AI      US 2004-815353      A1   20040331 (10)***
***RLI     Continuation of Ser. No. US 2000-723927, filed on 28 Nov 2000, PEND
```

```
***PRAI   US 1998-80970P      19980407 (60)***
***       US 1997-67740P      19971202 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 2808***
***INCL   INCLM: 424/184.100***
***NCL    NCLM:  424/184.100***
***IC     [7]***
***       ICM: A61K039-00***
***       ICS: A61K039-38; C12N001-20***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 9 OF 408  USPATFULL on STN ***
***AN     2004:215013  USPATFULL***
***TI     Prevention and treatment of amyloidogenic disease***
***IN     Schenk, Dale B., Burlingame, CA, UNITED STATES***
***PA     Neuralab Limited, Smiths, BERMUDA, FL04 (U.S. corporation)***
***PI     US 2004166119      A1   20040826***
***AI     US 2004-816529     A1   20040331 (10)***
***RLI    Continuation of Ser. No. US 1998-201430, filed on 30 Nov 1998, PEND
***PRAI   US 1998-80970P      19980407 (60)***
***       US 1997-67740P      19971202 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 2839***
***INCL   INCLM: 424/185.100***
***NCL    NCLM:  424/185.100***
***IC     [7]***
***       ICM: A61K039-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 10 OF 408  USPATFULL on STN ***
***AN     2004:203887  USPATFULL***
***TI     Prevention and treatment of amyloidogenic disease***
***IN     Schenk, Dale B., Burlingame, CA, UNITED STATES***
***PA     Neuralab Limited, Smiths, BERMUDA, FL04 (U.S. corporation)***
***PI     US 2004157779      A1   20040812***
***AI     US 2004-816022     A1   20040331 (10)***
***RLI    Continuation of Ser. No. US 1998-201430, filed on 30 Nov 1998, PEND
***PRAI   US 1998-80970P      19980407 (60)***
***       US 1997-67740P      19971202 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 2931***
***INCL   INCLM: 514/012.000***
***NCL    NCLM:  514/012.000***
***IC     [7]***
***       ICM: A61K038-17***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 11 OF 408  USPATFULL on STN ***
***AN     2004:202974  USPATFULL***
***TI     Stabilized HBc chimer particles as therapeutic vaccine for chronic*
***       hepatitis***
***IN     Page, Mark, Allestree, UNITED KINGDOM***
***       Friede, Martin, Cergue, SWITZERLAND***
***       Schmidt, Annette Elisabeth, Planegg, GERMANY, FEDERAL REPUBLIC OF**
***       Stober, Detlef, Muenchen, GERMANY, FEDERAL REPUBLIC OF***
***PI     US 2004156863      A1   20040812***
***AI     US 2003-677074     A1   20031001 (10)***
***RLI    Continuation-in-part of Ser. No. US 2003-372076, filed on 21 Feb 20
***       PENDING Continuation-in-part of Ser. No. US 2002-82014, filed on 21
***       2002, ABANDONED Continuation-in-part of Ser. No. US 2002-80299, fil
***       21 Feb 2002, PENDING***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 5846***
***INCL   INCLM: 424/189.100***
***NCL    NCLM:  424/189.100***
***IC     [7]***
***       ICM: A61K039-29***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 12 OF 408  USPATFULL on STN ***
***AN     2004:202949  USPATFULL***
```

```
***IN      Klysner, Steen, Horsholm, DENMARK***
***        Von Hoegen, Paul, Hennigsdorf, GERMANY, FEDERAL REPUBLIC OF***
***        Voldborg, Bjorn, Horsholm, DENMARK***
***        Gautam, Anand, Niva, DENMARK***
***PI      US 2004156838      A1   20040812***
***AI      US 2003-363954     A1   20030306 (10)***
***        WO 2001-DK579           20010906***
***PRAI    DK 2000-1326        20000906***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 3622***
***INCL    INCLM: 424/130.100***
***        INCLS: 514/044.000***
***NCL     NCLM:  424/130.100***
***        NCLS:  514/044.000***
***IC      [7]***
***        ICM: A61K048-00***
***        ICS: A61K039-395***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 13 OF 408  USPATFULL on STN ***
***AN      2004:202931  USPATFULL***
***TI      Adjuvant combination formulations***
***IN      Hagen, Michael, Pittsford, NY, UNITED STATES***
***PI      US 2004156820      A1   20040812***
***AI      US 2003-416262     A1   20030508 (10)***
***        WO 2001-US46943         20011108***
***PRAI    US 2000-60247100    20001110***
***        US 2001-60330345    20011018***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2161***
***INCL    INCLM: 424/085.100***
***        INCLS: 424/186.100; 424/200.100; 514/062.000***
***NCL     NCLM:  424/085.100***
***        NCLS:  424/186.100; 424/200.100; 514/062.000***
***IC      [7]***
***        ICM: A61K039-12***
***        ICS: A61K039-02; A61K038-19; A61K038-20***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 14 OF 408  USPATFULL on STN ***
***AN      2004:196859  USPATFULL***
***TI      62 human secreted proteins***
***IN      Ruben, Steven M., Brookeville, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Komatsoulis, George, Silver Spring, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Olsen, Henrik, Gaithersburg, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Moore, Paul A., North Bethesda, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Young, Paul, Gaithersburg, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2004152164      A1   20040805***
***AI      US 2004-798512     A1   20040312 (10)***
***RLI     Continuation of Ser. No. US 2002-50704, filed on 18 Jan 2002, PENDII
***        Continuation of Ser. No. US 2000-684524, filed on 10 Oct 2000, PEND
***        Continuation-in-part of Ser. No. WO 2000-US8979, filed on 6 Apr 200
***        PENDING***
***PRAI    US 1999-128693P     19990409 (60)***
***        US 1999-130991P     19990426 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 28654***
***INCL    INCLM: 435/069.100***
***        INCLS: 530/350.000; 435/320.100; 435/325.000; 536/023.500***
***NCL     NCLM:  435/069.100***
***        NCLS:  530/350.000; 435/320.100; 435/325.000; 536/023.500***
***IC      [7]***
***        ICM: C12P021-02***
```

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 15 OF 408 USPATFULL on STN ***
AN 2004:196424 USPATFULL
***TI Lectin compositions and methods for modulating an immune response t
*** antigen***
IN Segal, Andrew H., Boston, MA, UNITED STATES
*** Young, Elihu, Sharon, MA, UNITED STATES***
PA Genitrix, LLC (U.S. corporation)
PI US 2004151728 A1 20040805
AI US 2003-666834 A1 20030919 (10)
***RLI Division of Ser. No. US 2003-645000, filed on 20 Aug 2003, PENDING*
PRAI US 2002-404823P 20020820 (60)
*** US 2003-487407P 20030715 (60)***
DT Utility
FS APPLICATION
LN.CNT 39129
INCL INCLM: 424/184.100
*** INCLS: 424/199.100; 424/200.100; 530/395.000***
NCL NCLM: 424/184.100
*** NCLS: 424/199.100; 424/200.100; 530/395.000***
IC [7]
*** ICM: A61K039-00***
*** ICS: A61K039-12; A61K039-02***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 16 OF 408 USPATFULL on STN ***
AN 2004:190123 USPATFULL
TI 64 human secreted proteins
IN Ruben, Steven M., Brookeville, MD, UNITED STATES
*** Rosen, Craig A., Laytonsville, MD, UNITED STATES***
*** Young, Paul E., Gaithersburg, MD, UNITED STATES***
*** Greene, John M., Gaithersburg, MD, UNITED STATES***
*** Ni, Jian, Germantown, MD, UNITED STATES***
*** Feng, Ping, Germantown, MD, UNITED STATES***
*** Florence, Kimberly A., Rockville, MD, UNITED STATES***
*** Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
*** Ferrie, Ann M., Painted Post, NY, UNITED STATES***
*** Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
*** Duan, Roxanne D., Gaithersburg, MD, UNITED STATES***
*** Janat, Fouad, Westerly, RI, UNITED STATES***
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.
*** corporation)***
PI US 2004146893 A1 20040729
AI US 2003-684496 A1 20031015 (10)
***RLI Continuation of Ser. No. US 2001-776724, filed on 6 Feb 2001, PENDI
*** Continuation-in-part of Ser. No. US 2000-669688, filed on 26 Sep 20
*** ABANDONED Continuation of Ser. No. US 1999-229982, filed on 14 Jan
*** ABANDONED Continuation-in-part of Ser. No. WO 1998-US14613, filed o
*** Jul 1998, PENDING***
PRAI US 2000-180909P 20000208 (60)
*** US 1997-52661P 19970716 (60)***
*** US 1997-52872P 19970716 (60)***
*** US 1997-52871P 19970716 (60)***
*** US 1997-52874P 19970716 (60)***
*** US 1997-52873P 19970716 (60)***
*** US 1997-52870P 19970716 (60)***
*** US 1997-52875P 19970716 (60)***
*** US 1997-53440P 19970722 (60)***
*** US 1997-53441P 19970722 (60)***
*** US 1997-53442P 19970722 (60)***
*** US 1997-56359P 19970818 (60)***
*** US 1997-55725P 19970818 (60)***
*** US 1997-55985P 19970818 (60)***
*** US 1997-55952P 19970818 (60)***
*** US 1997-55989P 19970818 (60)***
*** US 1997-56361P 19970818 (60)***
*** US 1997-55726P 19970818 (60)***
*** US 1997-55724P 19970818 (60)***
*** US 1997-55946P 19970818 (60)***
*** US 1997-55683P 19970818 (60)***
DT Utility
FS APPLICATION
LN.CNT 18494
INCL INCLM: 435/006.000

```
  ***                530/388.100***
  ***NCL     NCLM:  435/006.000***
  ***        NCLS:  435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.5
  ***                530/388.100***
  ***IC      [7]***
  ***        ICM: C12Q001-68***
  ***        ICS: C07H021-04; C07K014-47***
  ***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
  *** ***
  ***L4   ANSWER 17 OF 408  USPATFULL on STN ***
  ***AN      2004:189753  USPATFULL***
  ***TI      Prevention and treatment of synucleinopathic disease***
  ***IN      Schenk, Dale B., Burlingame, CA, UNITED STATES***
  ***        Masliah, Eliezer, San Diego, CA, UNITED STATES***
  ***PI      US 2004146521       A1   20040729***
  ***AI      US 2003-698099      A1   20031031 (10)***
  ***RLI     Continuation-in-part of Ser. No. US 2000-585817, filed on 1 Jun 200
  ***        PENDING Continuation-in-part of Ser. No. US 2000-580015, filed on 2
  ***        2000, PENDING***
  ***PRAI    US 2002-423012P     20021101 (60)***
  ***        US 1999-137010P     19990601 (60)***
  ***DT      Utility***
  ***FS      APPLICATION***
  ***LN.CNT 3102***
  ***INCL    INCLM: 424/185.100***
  ***NCL     NCLM:  424/185.100***
  ***IC      [7]***
  ***        ICM: A61K039-00***
  ***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
  *** ***
  ***L4   ANSWER 18 OF 408  USPATFULL on STN ***
  ***AN      2004:184101  USPATFULL***
  ***TI        ***Amyloid***      ***beta***   1-6 antigen arrays
IN      Bachmann, Martin F., Seuzach, SWITZERLAND
        Tissot, Alain, Zurich, SWITZERLAND
        Ortmann, Rainer, Saint Louis, FRANCE
        Luond, Rainer, Therwil, SWITZERLAND
        Staufenbiel, Matthias, Lorrach, GERMANY, FEDERAL REPUBLIC OF
        Frey, Peter, Bern, SWITZERLAND
PA      Cytos Biotechnology AG (non-U.S. corporation)
        Novartis Pharma AG (non-U.S. corporation)
PI      US 2004141984       A1   20040722
AI      US 2003-622087      A1   20030718 (10)
PRAI    US 2003-470432P      20030515 (60)
        US 2002-396639P      20020719 (60)
DT      Utility
FS      APPLICATION
LN.CNT 4196
INCL    INCLM: 424/184.100
NCL     NCLM:  424/184.100
IC      [7]
        ICM: A61K039-00
        ICS: A61K039-38
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4   ANSWER 19 OF 408  USPATFULL on STN
AN      2004:184075  USPATFULL
TI      Novel methods for therapeutic vaccination
IN      Steinaa, Lucilla, Copenhagen V, DENMARK
        Mouritsen, Soren, Birkerod, DENMARK
        Gautam, Anand, Hillerod, DENMARK
        Haaning, Jesper, Birkerod, DENMARK
        Dalum, Iben, Horsholm, DENMARK
        Birk, Peter, Copenhagen O, DENMARK
        Leach, Dana, Hillerod, DENMARK
        Nielsen, Klaus Gregorius, Sorborg, DENMARK
        Karlsson, Gunilla, Copenhagen O, DENMARK
PA      M&E Biotech A/S, Horsholm, DENMARK (non-U.S. corporation)
PI      US 2004141958       A1   20040722
AI      US 2003-441779      A1   20030519 (10)
RLI     Continuation of Ser. No. US 1999-413186, filed on 5 Oct 1999, PENDING
PRAI    DK 1998-1261         19981005
        US 1998-105011P      19981020 (60)
DT      Utility
FS      APPLICATION
```

INCL INCLM: 424/093.210
INCLS: 514/044.000
NCL NCLM: 424/093.210
NCLS: 514/044.000
IC [7]
ICM: A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 408 USPATFULL on STN
AN 2004:177829 USPATFULL
TI Prevention and treatment of synucleinopathic disease
IN Schenk, Dale B., Burlingame, CA, UNITED STATES
Masliah, Eliezer, San Diego, CA, UNITED STATES
PI US 2004136993 A1 20040715
AI US 2003-699517 A1 20031031 (10)
PRAI US 2002-423012P 20021101 (60)
DT Utility
FS APPLICATION
LN.CNT 3054
INCL INCLM: 424/145.100
NCL NCLM: 424/145.100
IC [7]
ICM: A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 21 OF 408 USPATFULL on STN
AN 2004:165307 USPATFULL
TI Lectin compositions and methods for modulating an immune response to an antigen
IN Segal, Andrew H., Boston, MA, UNITED STATES
Young, Elihu, Sharon, MA, UNITED STATES
PA Genitrix, LLC (U.S. corporation)
PI US 2004126793 A1 20040701
AI US 2003-666885 A1 20030919 (10)
RLI Division of Ser. No. US 2003-645000, filed on 20 Aug 2003, PENDING
PRAI US 2002-404823P 20020820 (60)
US 2003-487407P 20030715 (60)
DT Utility
FS APPLICATION
LN.CNT 28979
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 435/419.000; 530/370.000; 530/395.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 435/419.000; 530/370.000; 530/395.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C07K014-47; C07K014-415; C12N005-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 22 OF 408 USPATFULL on STN
AN 2004:164872 USPATFULL
TI Lectin compositions and methods for modulating an immune response to an antigen
IN Segal, Andrew H., Boston, MA, UNITED STATES
Young, Elihu, Sharon, MA, UNITED STATES
PA Genitrix, LLC (U.S. corporation)
PI US 2004126357 A1 20040701
AI US 2003-666886 A1 20030919 (10)
RLI Division of Ser. No. US 2003-645000, filed on 20 Aug 2003, PENDING
PRAI US 2002-404823P 20020820 (60)
US 2003-487407P 20030715 (60)
DT Utility
FS APPLICATION
LN.CNT 39007
INCL INCLM: 424/085.100
INCLS: 424/093.200; 424/185.100
NCL NCLM: 424/085.100
NCLS: 424/093.200; 424/185.100
IC [7]
ICM: A61K048-00
ICS: A61K039-00; A61K038-19
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2004:151582 USPATFULL
TI Transgenic cells and animals for the study of the polarization of the immune response
IN Thiam, Kader, Lyon, FRANCE
Fraichard, Alexandre, Lyon, FRANCE
Lapize-Gauthey, Christine, Vienne, FRANCE
PI US 2004115803 A1 20040617
AI US 2004-471465 A1 20040203 (10)
WO 2002-FR837 20020308
PRAI FR 2001-3272 20010309
DT Utility
FS APPLICATION
LN.CNT 1462
INCL INCLM: 435/354.000
NCL NCLM: 435/354.000
IC [7]
ICM: C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 24 OF 408 USPATFULL on STN
AN 2004:133988 USPATFULL
TI Compositions and methods of treating neurological disease and providing neuroprotection
IN Kozachuk, Walter E., Kensington, MD, UNITED STATES
PI US 2004102525 A1 20040527
AI US 2003-442985 A1 20030522 (10)
PRAI US 2002-382072P 20020522 (60)
DT Utility
FS APPLICATION
LN.CNT 3666
INCL INCLM: 514/662.000
NCL NCLM: 514/662.000
IC [7]
ICM: A61K031-13
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 25 OF 408 USPATFULL on STN
AN 2004:120535 USPATFULL
TI Peptides and methods of screening immunogenic peptide vaccines against Alzheimer's Disease
IN Fitzer-Attas, Cheryl, Rehovot, ISRAEL
Chain, Daniel G., Jerusalem, ISRAEL
PI US 2004091945 A1 20040513
AI US 2003-619454 A1 20030716 (10)
PRAI US 2002-396245P 20020717 (60)
DT Utility
FS APPLICATION
LN.CNT 2604
INCL INCLM: 435/007.200
INCLS: 530/350.000
NCL NCLM: 435/007.200
NCLS: 530/350.000
IC [7]
ICM: G01N033-53
ICS: G01N033-567; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 26 OF 408 USPATFULL on STN
AN 2004:113677 USPATFULL
TI Methods
IN Foxwell, Brian Maurice John, London, UNITED KINGDOM
Feldmann, Marc, London, UNITED KINGDOM
PI US 2004086516 A1 20040506
AI US 2003-450786 A1 20031010 (10)
WO 2001-GB5724 20011221
PRAI GB 2000-31454 20001222
GB 2001-27625 20011117
DT Utility
FS APPLICATION
LN.CNT 2822
INCL INCLM: 424/184.100
NCL NCLM: 424/184.100
IC [7]
ICM: A61K039-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 27 OF 408 USPATFULL on STN
AN 2004:107258 USPATFULL
TI Prevention and treatment of amyloidogenic disease
IN Schenk, Dale B., Burlingame, CA, UNITED STATES
PA Neuralab Limited, Flatts, Smiths, BERMUDA (U.S. corporation)
Athena Neurosciences, Inc. (U.S. corporation)
PI US 2004081657 A1 20040429
AI US 2003-429216 A1 20030502 (10)
RLI Continuation of Ser. No. US 1998-201430, filed on 30 Nov 1998, PENDING
PRAI US 1997-67740P 19971202 (60)
US 1998-80970P 19980407 (60)
DT Utility
FS APPLICATION
LN.CNT 2951
INCL INCLM: 424/185.100
INCLS: 424/486.000; 514/054.000
NCL NCLM: 424/185.100
NCLS: 424/486.000; 514/054.000
IC [7]
ICM: A61K039-00
ICS: A61K009-14; A61K031-739
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 28 OF 408 USPATFULL on STN
AN 2004:100772 USPATFULL
TI Use of immidazoquinolinamines as adjuvants in dna vaccination
IN Thomsen, Lindy Loise, Hertfordshire, UNITED KINGDOM
Tite, John Philip, Stevenage, UNITED KINGDOM
Topley, Peter, Hertfordshire, UNITED KINGDOM
PI US 2004076633 A1 20040422
AI US 2003-380981 A1 20030923 (10)
WO 2001-GB4207 20010920
PRAI GB 2000-23008 20000920
DT Utility
FS APPLICATION
LN.CNT 1495
INCL INCLM: 424/184.100
NCL NCLM: 424/184.100
IC [7]
ICM: A61K039-00
ICS: A61K039-38
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 29 OF 408 USPATFULL on STN
AN 2004:100750 USPATFULL
TI Molecular antigen arrays
IN Bachmann, Martin F., Seuzach, SWITZERLAND
Tissot, Alain, Zurich, SWITZERLAND
Pumpens, Paul, Riga, LATVIA
Cielens, Indulis, Riga, LATVIA
Renhofa, Regina, Riga, LATVIA
PI US 2004076611 A1 20040422
AI US 2003-617876 A1 20030714 (10)
PRAI US 2002-396126P 20020717 (60)
DT Utility
FS APPLICATION
LN.CNT 5340
INCL INCLM: 424/093.200
INCLS: 424/204.100
NCL NCLM: 424/093.200
NCLS: 424/204.100
IC [7]
ICM: A61K048-00
ICS: A61K039-12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 30 OF 408 USPATFULL on STN
AN 2004:83451 USPATFULL
TI Gene differentially expressed in breast and bladder cancer and encoded polypeptides
IN Zauderer, Maurice, Pittsford, NY, UNITED STATES
Evans, Elizabeth E., Rochester, NY, UNITED STATES
Borrello, Melinda A., Pittsford, NY, UNITED STATES
PI US 2004063907 A1 20040401
AI US 2003-457829 A1 20030610 (10)

US 2002-432241P 20021211 (60)
US 2002-386738P 20020610 (60)
DT Utility
FS APPLICATION
LN.CNT 15662
INCL INCLM: 530/350.000
INCLS: 536/023.500; 435/069.100; 435/320.100; 435/325.000
NCL NCLM: 530/350.000
NCLS: 536/023.500; 435/069.100; 435/320.100; 435/325.000
IC [7]
ICM: C07K014-705
ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 31 OF 408 USPATFULL on STN
AN 2004:77185 USPATFULL
TI Substituted pyridinones
IN Devadas, Balekudru, Chesterfield, MO, UNITED STATES
Walker, John, Maryland Heights, MO, UNITED STATES
Selness, Shaun R., Chesterfield, MO, UNITED STATES
Boehm, Terri L., Ballwin, MO, UNITED STATES
Durley, Richard C., Chesterfield, MO, UNITED STATES
Devraj, Rajesh, Ballwin, MO, UNITED STATES
Hickory, Brian S., Wildwood, MO, UNITED STATES
Rucker, Paul V., University City, MO, UNITED STATES
Jerome, Kevin D., Maryland Heights, MO, UNITED STATES
Madsen, Heather M., University City, MO, UNITED STATES
Alvira, Edgardo, Chesterfield, MO, UNITED STATES
Promo, Michele A., Maryland Heights, MO, UNITED STATES
Blevis-Bal, Radhika M., St. Louis, MO, UNITED STATES
Marruto, Laura D., Ellisville, MO, UNITED STATES
Hitchcock, Jeff, Saint Peters, MO, UNITED STATES
Owen, Thomas, Chesterfield, MO, UNITED STATES
Naing, Win, Chesterfield, MO, UNITED STATES
Xing, Li, Chesterfield, MO, UNITED STATES
Shieh, Huey S., St. Louis, MO, UNITED STATES
Sambandam, Aruna, Guilderland, NY, UNITED STATES
Liu, Shuang, Schenectady, NY, UNITED STATES
Scott, Ian L., Woodinville, WA, UNITED STATES
McGee, Kevin F., Guilderland, NY, UNITED STATES
PI US 2004058964 A1 20040325
AI US 2003-367987 A1 20030214 (10)
PRAI US 2002-357029P 20020214 (60)
US 2002-436915P 20021230 (60)
DT Utility
FS APPLICATION
LN.CNT 26020
INCL INCLM: 514/340.000
INCLS: 514/344.000; 514/345.000; 546/268.100; 546/288.000; 546/290.000
NCL NCLM: 514/340.000
NCLS: 514/344.000; 514/345.000; 546/268.100; 546/288.000; 546/290.000
IC [7]
ICM: C07D041-02
ICS: C07D211-72; C07D211-84
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 32 OF 408 USPATFULL on STN
AN 2004:76191 USPATFULL
TI T cell binding ligand peptides, peptide constructs containing same and use thereof for treatment of immunological disorders
IN Zimmerman, Daniel H., Bethesda, MD, UNITED STATES
PI US 2004057968 A1 20040325
AI US 2002-296317 A1 20021122 (10)
WO 2001-US16793 20010524
DT Utility
FS APPLICATION
LN.CNT 1860
INCL INCLM: 424/208.100
INCLS: 424/188.100; 424/192.100
NCL NCLM: 424/208.100
NCLS: 424/188.100; 424/192.100
IC [7]
ICM: A61K039-21
ICS: A61K039-00; C07K016-00; C12P021-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 33 OF 408 USPATFULL on STN
AN 2004:69539 USPATFULL
TI Immunization against amyloid plaques using display technology
IN Solomon, Beka, Herzlia Pituach, ISRAEL
Frenkel, Dan, Rehovot, ISRAEL
PA Ramot at Tel-Aviv University, Ltd., Tel Aviv, ISRAEL (non-U.S. corporation)
PI US 2004052766 A1 20040318
AI US 2003-618856 A1 20030715 (10)
RLI Continuation of Ser. No. US 1999-473653, filed on 29 Dec 1999, ABANDONED
PRAI US 1999-152417P 19990903 (60)
DT Utility
FS APPLICATION
LN.CNT 2570
INCL INCLM: 424/093.200
NCL NCLM: 424/093.200
IC [7]
ICM: A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 34 OF 408 USPATFULL on STN
AN 2004:63786 USPATFULL
TI 95 human secreted proteins
IN Ruben, Steven M., Brookeville, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Young, Paul, Gaithersburg, MD, UNITED STATES
Feng, Ping, Germantown, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Duan, Roxanne, Gaithersburg, MD, UNITED STATES
Kyaw, Hla, Boonsboro, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Olsen, Henrik, Gaithersburg, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)
PI US 2004048304 A1 20040311
AI US 2003-653595 A1 20030903 (10)
RLI Continuation of Ser. No. US 1999-397945, filed on 17 Sep 1999, PENDING
Continuation-in-part of Ser. No. WO 1999-US5804, filed on 18 Mar 1999, PENDING
PRAI US 1998-78566P 19980319 (60)
US 1998-78574P 19980319 (60)
US 1998-78576P 19980319 (60)
US 1998-78579P 19980319 (60)
US 1998-78563P 19980319 (60)
US 1998-78573P 19980319 (60)
US 1998-78578P 19980319 (60)
US 1998-78581P 19980319 (60)
US 1998-78577P 19980319 (60)
US 1998-80314P 19980401 (60)
US 1998-80312P 19980401 (60)
US 1998-80313P 19980401 (60)
DT Utility
FS APPLICATION
LN.CNT 24852
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12P021-02; C12N005-06; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 35 OF 408 USPATFULL on STN
AN 2004:58184 USPATFULL
TI 123 human secreted proteins

Rosen, Craig A., Laytonsville, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Kyaw, Hla, Frederick, MD, UNITED STATES
Li, Yi, Sunnyvale, CA, UNITED STATES
Zeng, Zhizhen, Lansdale, PA, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Olsen, Henrik, Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Birse, Charles E., North Potomac, MD, UNITED STATES
PI US 2004044191 A1 20040304
AI US 2001-973278 A1 20011010 (9)
RLI Continuation-in-part of Ser. No. US 1999-227357, filed on 8 Jan 1999, GRANTED, Pat. No. US 6342581 Continuation-in-part of Ser. No. WO 1998-US13684, filed on 7 Jul 1998, UNKNOWN
PRAI US 2000-239899P 20001013 (60)
US 1997-51926P 19970708 (60)
US 1997-52793P 19970708 (60)
US 1997-51925P 19970708 (60)
US 1997-51929P 19970708 (60)
US 1997-52803P 19970708 (60)
US 1997-52732P 19970708 (60)
US 1997-51931P 19970708 (60)
US 1997-51932P 19970708 (60)
US 1997-51916P 19970708 (60)
US 1997-51930P 19970708 (60)
US 1997-51918P 19970708 (60)
US 1997-51920P 19970708 (60)
US 1997-52733P 19970708 (60)
US 1997-52795P 19970708 (60)
US 1997-51919P 19970708 (60)
US 1997-51928P 19970708 (60)
US 1997-55722P 19970818 (60)
US 1997-55723P 19970818 (60)
US 1997-55948P 19970818 (60)
US 1997-55949P 19970818 (60)
US 1997-55953P 19970818 (60)
US 1997-55950P 19970818 (60)
US 1997-55947P 19970818 (60)
US 1997-55964P 19970818 (60)
US 1997-56360P 19970818 (60)
US 1997-55684P 19970818 (60)
US 1997-55984P 19970818 (60)
US 1997-55954P 19970818 (60)
US 1997-58785P 19970912 (60)
US 1997-58664P 19970912 (60)
US 1997-58660P 19970912 (60)
US 1997-58661P 19970912 (60)
DT Utility
FS APPLICATION
LN.CNT 36492
INCL INCLM: 536/023.100
NCL NCLM: 536/023.100
IC [7]
ICM: C07H021-02
ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 36 OF 408 USPATFULL on STN
AN 2004:57928 USPATFULL
TI Synthetic immunogenic but non amyloidogenic peptides homologous to ***amyloid*** ***beta*** for induction of an immune response to ***amyloid*** ***beta*** and amyloid deposits
IN Frangione, Blas, New York, NY, UNITED STATES
Wisniewski, Thomas, Staten Island, NY, UNITED STATES
Sigurdsson, Einar M., New York, NY, UNITED STATES
PA New York University, New York, NY (U.S. corporation)
PI US 2004043935 A1 20040304
AI US 2003-666423 A1 20030919 (10)
RLI Division of Ser. No. US 2001-861847, filed on 22 May 2001, PENDING
PRAI US 2000-205578P 20000522 (60)
DT Utility
FS APPLICATION

INCL INCLM: 514/012.000
INCLS: 530/324.000; 530/388.100; 530/403.000
NCL NCLM: 514/012.000
NCLS: 530/324.000; 530/388.100; 530/403.000
IC [7]
ICM: A61K038-17
ICS: C07K014-47; C07K016-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 37 OF 408 USPATFULL on STN
AN 2004:51443 USPATFULL
TI Method of treatment of persistent pain
IN Omoigui, Osemwota, Tarzana, CA, UNITED STATES
PI US 2004038874 A1 20040226
AI US 2002-224743 A1 20020822 (10)
DT Utility
FS APPLICATION
LN.CNT 1389
INCL INCLM: 514/012.000
INCLS: 424/145.100
NCL NCLM: 514/012.000
NCLS: 424/145.100
IC [7]
ICM: A61K038-00
ICS: A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 38 OF 408 USPATFULL on STN
AN 2004:50848 USPATFULL
TI 125 human secreted proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Feng, Ping, Germantown, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Olsen, Henrik, Gaithersburg, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Kyaw, Hla, Boonsboro, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Janat, Fouad, Westerly, RI, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Birse, Charles E., North Potomac, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2004038277 A1 20040226
AI US 2003-621401 A1 20030718 (10)
RLI Continuation of Ser. No. US 2001-974879, filed on 12 Oct 2001, PENDING Continuation-in-part of Ser. No. US 2001-818683, filed on 28 Mar 2001, PENDING Continuation of Ser. No. US 1999-305736, filed on 5 May 1999, PENDING Continuation-in-part of Ser. No. WO 1998-US23435, filed on 4 Nov 1998, PENDING
PRAI US 2000-239893P 20001013 (60)
US 1997-64911P 19971107 (60)
US 1997-64912P 19971107 (60)
US 1997-64983P 19971107 (60)
US 1997-64900P 19971107 (60)
US 1997-64988P 19971107 (60)
US 1997-64987P 19971107 (60)
US 1997-64908P 19971107 (60)
US 1997-64984P 19971107 (60)
US 1997-64985P 19971107 (60)
US 1997-66094P 19971117 (60)
US 1997-66100P 19971117 (60)
US 1997-66089P 19971117 (60)
US 1997-66095P 19971117 (60)
US 1997-66090P 19971117 (60)
DT Utility
FS APPLICATION
LN.CNT 38927
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;

NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 39 OF 408 USPATFULL on STN
AN 2004:45202 USPATFULL
TI 98 human secreted proteins
IN Komatsoulis, George A., Silver Spring, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES
Duan, D. Roxanne, Bethesda, MD, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
PI US 2004034196 A1 20040219
AI US 2003-351334 A1 20030127 (10)
RLI Continuation-in-part of Ser. No. US 2000-489847, filed on 24 Jan 2000, GRANTED, Pat. No. US 6476195 Continuation-in-part of Ser. No. WO 1999-US17130, filed on 29 Jul 1999, PENDING
PRAI US 2002-350898P 20020125 (60)
US 1998-94657P 19980730 (60)
US 1998-95486P 19980805 (60)
US 1998-96319P 19980812 (60)
US 1998-95454P 19980806 (60)
US 1998-95455P 19980806 (60)
DT Utility
FS APPLICATION
LN.CNT 24589
INCL INCLM: 530/350.000
INCLS: 530/388.100; 536/023.500; 435/006.000; 435/069.100; 435/320.100; 435/325.000
NCL NCLM: 530/350.000
NCLS: 530/388.100; 536/023.500; 435/006.000; 435/069.100; 435/320.100; 435/325.000
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-47; C07K016-40
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 40 OF 408 USPATFULL on STN
AN 2004:39573 USPATFULL
TI 31 human secreted proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES
Ferrie, Ann M., Painted Post, NY, UNITED STATES
Florence, Charles, Rockville, MD, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2004030115 A1 20040212
AI US 2003-633680 A1 20030805 (10)
RLI Continuation of Ser. No. US 2001-798889, filed on 6 Mar 2001, ABANDONED
Continuation of Ser. No. US 1999-393022, filed on 9 Sep 1999, ABANDONED
Continuation-in-part of Ser. No. WO 1999-US5721, filed on 11 Mar 1999, PENDING
PRAI US 1998-77714P 19980312 (60)
US 1998-77687P 19980312 (60)
US 1998-77686P 19980312 (60)
US 1998-77696P 19980312 (60)
DT Utility
FS APPLICATION
LN.CNT 12001
INCL INCLM: 536/023.500
INCLS: 530/350.000; 435/069.100; 435/320.100; 435/325.000
NCL NCLM: 536/023.500
NCLS: 530/350.000; 435/069.100; 435/320.100; 435/325.000
IC [7]
ICM: C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 41 OF 408 USPATFULL on STN
AN 2004:31195 USPATFULL
TI Modified transferrin fusion proteins
IN Prior, Christopher P., Philadelphia, PA, UNITED STATES
PA BioRexis Pharmaceutical Corporation (U.S. corporation)
PI US 2004023334 A1 20040205
AI US 2002-231494 A1 20020830 (10)
PRAI US 2001-315745P 20010830 (60)
US 2001-334059P 20011130 (60)
DT Utility
FS APPLICATION
LN.CNT 15780
INCL INCLM: 435/069.700
INCLS: 435/320.100; 435/325.000; 530/380.000; 536/023.500; 530/400.000
NCL NCLM: 435/069.700
NCLS: 435/320.100; 435/325.000; 530/380.000; 536/023.500; 530/400.000
IC [7]
ICM: C07K014-79
ICS: C07H021-04; C12P021-04; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 42 OF 408 USPATFULL on STN
AN 2004:31145 USPATFULL
TI 90 human secreted proteins
IN Ruben, Steven M., Brookeville, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Greene, John M., Gaithersburg, MD, UNITED STATES
Ferrie, Ann M., Painted Post, NY, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Brewer, Laurie, St. Paul, MN, UNITED STATES
Janat, Fouad, Westerly, RI, UNITED STATES
Birse, Charles E., North Potomac, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2004023283 A1 20040205
AI US 2003-621363 A1 20030718 (10)
RLI Continuation of Ser. No. US 2001-969730, filed on 4 Oct 2001, PENDING Continuation-in-part of Ser. No. US 2001-774639, filed on 1 Feb 2001, PENDING Continuation of Ser. No. US 1999-244112, filed on 4 Feb 1999, ABANDONED Continuation-in-part of Ser. No. WO 1998-US16235, filed on 4 Aug 1998, PENDING
PRAI US 2000-238291P 20001006 (60)
US 1997-55386P 19970805 (60)
US 1997-54807P 19970805 (60)
US 1997-55312P 19970805 (60)
US 1997-55309P 19970805 (60)
US 1997-54798P 19970805 (60)
US 1997-55310P 19970805 (60)
US 1997-54806P 19970805 (60)
US 1997-54809P 19970805 (60)
US 1997-54804P 19970805 (60)
US 1997-54803P 19970805 (60)
US 1997-54808P 19970805 (60)
US 1997-55311P 19970805 (60)
US 1997-55986P 19970818 (60)
US 1997-55970P 19970818 (60)
US 1997-56563P 19970819 (60)
US 1997-56557P 19970819 (60)
US 1997-56731P 19970819 (60)
US 1997-56365P 19970819 (60)
US 1997-56367P 19970819 (60)
US 1997-56370P 19970819 (60)
US 1997-56364P 19970819 (60)
US 1997-56366P 19970819 (60)
US 1997-56732P 19970819 (60)
US 1997-56371P 19970819 (60)
DT Utility
FS APPLICATION

INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 43 OF 408 USPATFULL on STN
AN 2004:25127 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PI US 2004018969 A1 20040129
AI US 2001-764875 A1 20010117 (9)

DT Utility
FS APPLICATION
LN.CNT 38235
INCL INCLM: 514/012.000
INCLS: 514/044.000; 530/350.000; 530/388.100; 536/023.200; 435/006.000; 435/183.000; 435/069.100; 435/320.100; 435/325.000
NCL NCLM: 514/012.000
NCLS: 514/044.000; 530/350.000; 530/388.100; 536/023.200; 435/006.000; 435/183.000; 435/069.100; 435/320.100; 435/325.000
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-47; A61K048-00; A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 44 OF 408 USPATFULL on STN
AN 2004:24686 USPATFULL
TI Methods and compositions for the prediction, diagnosis, prognosis, prevention and treatment of malignant neoplasma
IN Wirtz, Ralph, Koln, GERMANY, FEDERAL REPUBLIC OF
Munnes, Marc, Erkrath, GERMANY, FEDERAL REPUBLIC OF
Kallabis, Harald, Koln, GERMANY, FEDERAL REPUBLIC OF
PA Bayer Aktiengesellschaft, Leverkusen, GERMANY, FEDERAL REPUBLIC OF, D 51368 (non-U.S. corporation)
PI US 2004018525 A1 20040129
AI US 2003-435696 A1 20030509 (10)
PRAI EP 2002-10291 20020521
EP 2003-3112 20030213
DT Utility
FS APPLICATION
LN.CNT 12945
INCL INCLM: 435/006.000
NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 45 OF 408 USPATFULL on STN
AN 2004:18737 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2004014039 A1 20040122
AI US 2002-158057 A1 20020531 (10)
RLI Continuation of Ser. No. US 2001-764890, filed on 17 Jan 2001, PENDING

DT Utility
FS APPLICATION
LN.CNT 26776
INCL INCLM: 435/006.000
INCLS: 435/007.100; 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200; 514/012.000

NCLS: 435/007.100; 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200; 514/012.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 46 OF 408 USPATFULL on STN
AN 2004:18345 USPATFULL
TI Methods and compositions for treating a plaque-forming disease
IN Solomon, Beka, Herzlia Pitauch, ISRAEL
Frenkel, Dan, Rehovot, ISRAEL
PA Ramot at Tel-Aviv University Ltd., Tel-Aviv, ISRAEL (non-U.S. corporation)
PI US 2004013647 A1 20040122
AI US 2003-384788 A1 20030311 (10)
RLI Continuation-in-part of Ser. No. US 2001-808037, filed on 15 Mar 2001, ABANDONED Continuation-in-part of Ser. No. US 2001-830954, filed on 7 Aug 2001, PENDING Continuation-in-part of Ser. No. US 2002-162889, filed on 6 Jun 2002, PENDING Continuation-in-part of Ser. No. US 1999-473653, filed on 29 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-629971, filed on 31 Jul 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-473653, filed on 29 Dec 1999, ABANDONED A 371 of International Ser. No. WO 2000-IL518, filed on 31 Aug 2000, PENDING Continuation-in-part of Ser. No. US 1999-473653, filed on 29 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-629971, filed on 31 Jul 2000, ABANDONED Continuation of Ser. No. US 2000-629971, filed on 31 Jul 2000, ABANDONED
PRAI US 2002-371735P 20020412 (60)
US 1999-152417P 19990903 (60)
US 1999-152417P 19990903 (60)
DT Utility
FS APPLICATION
LN.CNT 4217
INCL INCLM: 424/093.200
INCLS: 514/044.000
NCL NCLM: 424/093.200
NCLS: 514/044.000
IC [7]
ICM: A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 47 OF 408 USPATFULL on STN
AN 2004:13609 USPATFULL
TI 53 human secreted proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Duan, Roxanne D., Bethesda, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Greene, John M., Gaithersburg, MD, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Ferrie, Ann M., Painted Post, NY, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Florence, Charles, Rockville, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Olsen, Henrik, Gaithersburg, MD, UNITED STATES
PI US 2004010132 A1 20040115
AI US 2001-984429 A1 20011030 (9)
RLI Continuation-in-part of Ser. No. US 1999-288143, filed on 8 Apr 1999, GRANTED, Pat. No. US 6433139 Continuation-in-part of Ser. No. WO 1998-US21142, filed on 8 Oct 1998, PENDING
PRAI US 2000-244591P 20001101 (60)
US 1997-61463P 19971009 (60)
US 1997-61529P 19971009 (60)
US 1997-71498P 19971009 (60)
US 1997-61527P 19971009 (60)
US 1997-61536P 19971009 (60)
US 1997-61532P 19971009 (60)
DT Utility
FS APPLICATION
LN.CNT 27480
INCL INCLM: 536/023.200
INCLS: 530/350.000; 435/069.100; 435/325.000; 435/320.100

NCLS: 530/350.000; 435/069.100; 435/325.000; 435/320.100
IC [7]
ICM: C07H021-04
ICS: C07K014-435; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 48 OF 408 USPATFULL on STN
AN 2004:13375 USPATFULL
TI Stabilized synthetic immunogen delivery system
IN Sokoll, Kenneth K., Stony Brook, NY, UNITED STATES
PI US 2004009897 A1 20040115
AI US 2003-355161 A1 20030521 (10)
RLI Continuation-in-part of Ser. No. US 2002-76674, filed on 14 Feb 2002, PENDING
DT Utility
FS APPLICATION
LN.CNT 3889
INCL INCLM: 514/007.000
INCLS: 530/395.000
NCL NCLM: 514/007.000
NCLS: 530/395.000
IC [7]
ICM: A61K048-00
ICS: A61K038-16; C07K014-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 49 OF 408 USPATFULL on STN
AN 2004:12971 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Birse, Charles E., North Potomac, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
PI US 2004009491 A1 20040115
AI US 2002-264237 A1 20021004 (10)
RLI Continuation-in-part of Ser. No. WO 2001-US16450, filed on 18 May 2001, PENDING
PRAI US 2000-205515P 20000519 (60)
DT Utility
FS APPLICATION
LN.CNT 18144
INCL INCLM: 435/006.000
INCLS: 435/007.230; 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.200; 530/388.100
NCL NCLM: 435/006.000
NCLS: 435/007.230; 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.200; 530/388.100
IC [7]
ICM: C12Q001-68
ICS: G01N033-574; C07H021-04; C12P021-02; C12N005-06; C07K016-30; C07K014-705
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 50 OF 408 USPATFULL on STN
AN 2004:12968 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2004009488 A1 20040115
AI US 2002-242515 A1 20020913 (10)
RLI Continuation of Ser. No. US 2001-764877, filed on 17 Jan 2001, PENDING

DT Utility
FS APPLICATION
LN.CNT 32038
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2004:7877 USPATFULL
TI Microglia inhibitors for interrupting interleukin 12 and IFN-gamma-mediated immune reactions
IN Blume, Thorsten, Schildow, GERMANY, FEDERAL REPUBLIC OF
Doecke, Wolf-Dietrich, Berlin, GERMANY, FEDERAL REPUBLIC OF
Halfbrodt, Wolfgang, Berlin, GERMANY, FEDERAL REPUBLIC OF
Kuhnke, Joachim, Potsdam, GERMANY, FEDERAL REPUBLIC OF
Moenning, Ursula, Woltersdorf, GERMANY, FEDERAL REPUBLIC OF
Elger, Bernd, Berlin, GERMANY, FEDERAL REPUBLIC OF
Schneider, Herbert, Berlin, GERMANY, FEDERAL REPUBLIC OF
PA SCHERING AKTIENGESELLSCHAFT, Berlin, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
PI US 2004006117 A1 20040108
AI US 2003-366703 A1 20030214 (10)
PRAI DE 2002-10207843 20020215
US 2002-357833P 20020221 (60)
DT Utility
FS APPLICATION
LN.CNT 1293
INCL INCLM: 514/394.000
NCL NCLM: 514/394.000
IC [7]
ICM: A61K031-4184
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 52 OF 408 USPATFULL on STN
AN 2004:7345 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Birse, Charles E., North Potomac, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
PI US 2004005579 A1 20040108
AI US 2002-264049 A1 20021004 (10)
RLI Continuation-in-part of Ser. No. WO 2001-US18569, filed on 7 Jun 2001, PENDING
PRAI US 2000-209467P 20000607 (60)
DT Utility
FS APPLICATION
LN.CNT 18130
INCL INCLM: 435/006.000
INCLS: 435/007.230; 435/320.100; 435/325.000; 435/069.300; 435/183.000; 530/350.000; 536/023.200; 514/012.000
NCL NCLM: 435/006.000
NCLS: 435/007.230; 435/320.100; 435/325.000; 435/069.300; 435/183.000; 530/350.000; 536/023.200; 514/012.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-574; C07H021-04; C12N009-00; A61K038-17; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 53 OF 408 USPATFULL on STN
AN 2004:7343 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)
PI US 2004005577 A1 20040108
AI US 2002-242747 A1 20020913 (10)
RLI Continuation of Ser. No. US 2001-764881, filed on 17 Jan 2001, PENDING

DT Utility
FS APPLICATION
LN.CNT 27694
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-435
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 54 OF 408 USPATFULL on STN

TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2004005575 A1 20040108
AI US 2002-227577 A1 20020826 (10)
RLI Continuation of Ser. No. US 2002-91504, filed on 7 Mar 2002, PENDING
Continuation of Ser. No. US 2001-764869, filed on 17 Jan 2001, ABANDONED

DT Utility
FS APPLICATION
LN.CNT 28742
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 55 OF 408 USPATFULL on STN
AN 2004:7105 USPATFULL
TI Packaged virus-like particles for use as adjuvants: method of preparation and use
IN Bachmann, Martin F., Seuzach, SWITZERLAND
Renner, Wolfgang A., Kilchberg, SWITZERLAND
PA Cytos Biotechnology AG (non-U.S. corporation)
PI US 2004005338 A1 20040108
AI US 2003-465811 A1 20030620 (10)
PRAI US 2002-389898P 20020620 (60)
DT Utility
FS APPLICATION
LN.CNT 7617
INCL INCLM: 424/204.100
INCLS: 514/002.000; 514/054.000; 514/008.000; 514/044.000; 514/292.000
NCL NCLM: 424/204.100
NCLS: 514/002.000; 514/054.000; 514/008.000; 514/044.000; 514/292.000
IC [7]
ICM: A61K038-16
ICS: A61K048-00; A61K039-12; A61K031-739; A61K031-4745
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 56 OF 408 USPATFULL on STN
AN 2004:7058 USPATFULL
TI Methods for regulating co-stimulatory molecule expression with reactive oxygen
IN Rogers, Martha Karen Newell, Colorado Springs, CO, UNITED STATES
Camley, Robert, Colorado Springs, CO, UNITED STATES
Ill, Charles Richard, Carlsbad, CA, UNITED STATES
Christensen, Thomas, Colorado Springs, CO, UNITED STATES
Celinski, Zbigniew, Colorado Springs, CO, UNITED STATES
Trauger, Richard, San Diego, CA, UNITED STATES
Newell, Evan, Toronto, CANADA
Villalobos-Menuey, Elizabeth, Colorado Springs, CO, UNITED STATES
PI US 2004005291 A1 20040108
AI US 2002-272432 A1 20021015 (10)
PRAI US 2001-329477P 20011014 (60)
US 2001-329280P 20011012 (60)
DT Utility
FS APPLICATION
LN.CNT 1786
INCL INCLM: 424/085.200
INCLS: 424/085.600; 514/012.000; 514/560.000; 435/368.000; 424/085.100
NCL NCLM: 424/085.200
NCLS: 424/085.600; 514/012.000; 514/560.000; 435/368.000; 424/085.100
IC [7]
ICM: A61K038-20
ICS: A61K038-19; A61K038-18; A61K038-21; C12N005-08; A61K031-20
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 57 OF 408 USPATFULL on STN
AN 2004:2568 USPATFULL

IN Moore, Paul A., Germantown, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)
PI US 2004002591 A1 20040101
AI US 2002-47021 A1 20020117 (10)
RLI Continuation-in-part of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED Continuation-in-part of Ser. No. WO 1998-US18360, filed on 3 Sep 1998, PENDING
PRAI US 2001-262066P 20010118 (60)
US 1997-57626P 19970905 (60)
US 1997-57663P 19970905 (60)
US 1997-57669P 19970905 (60)
US 1997-58666P 19970912 (60)
US 1997-58667P 19970912 (60)
US 1997-58973P 19970912 (60)
US 1997-58974P 19970912 (60)
US 1998-90112P 19980622 (60)
DT Utility
FS APPLICATION
LN.CNT 33379
INCL INCLM: 530/395.000
NCL NCLM: 530/395.000
IC [7]
ICM: C07K001-00
ICS: C07K014-00; C07K017-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 58 OF 408 USPATFULL on STN
AN 2004:223795 USPATFULL
TI N-Terminal ***amyloid*** -. ***beta*** . antibodies
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6787637 B1 20040907
AI US 2000-724551 20001128 (9)
RLI Continuation of Ser. No. US 2000-580018, filed on 26 May 2000 Continuation-in-part of Ser. No. US 1999-322289, filed on 28 May 1999, now patented, Pat. No. US 6761888
DT Utility
FS GRANTED
LN.CNT 5245
INCL INCLM: 530/387.100
INCLS: 530/300.000; 530/350.000; 424/130.100
NCL NCLM: 530/387.100
NCLS: 530/300.000; 530/350.000; 424/130.100
IC [7]
ICM: C07K016-00
ICS: C07K016-18; A61K039-00
EXF 530/300; 530/350; 530/387.1; 424/130.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 59 OF 408 USPATFULL on STN
AN 2004:223763 USPATFULL
TI Prevention and treatment of amyloidogenic disease
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6787523 B1 20040907
AI US 1998-201430 19981130 (9)
PRAI US 1997-67740P 19971202 (60)
US 1998-80970P 19980407 (60)
DT Utility
FS GRANTED
LN.CNT 3308
INCL INCLM: 514/021.000
INCLS: 514/002.000; 514/012.000; 530/324.000; 436/015.000; 436/086.000; 436/507.000; 424/001.570; 424/185.100; 424/009.100; 424/009.200
NCL NCLM: 514/021.000
NCLS: 514/002.000; 514/012.000; 530/324.000; 436/015.000; 436/086.000; 436/507.000; 424/001.570; 424/185.100; 424/009.100; 424/009.200

ICM: A61K038-00
ICS: A01N037-18
EXF 514/2; 514/12; 514/21; 424/1.57; 424/185.1; 424/9.1; 424/9.2; 436/15; 436/86; 436/507; 530/324
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 60 OF 408 USPATFULL on STN
AN 2004:223663 USPATFULL
TI Prevention and treatment of amyloidogenic disease
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BELGIUM (non-U.S. corporation)
PI US 6787144 B1 20040907
AI US 2000-723762 20001128 (9)
RLI Division of Ser. No. US 1998-201430, filed on 30 Nov 1998
PRAI US 1997-67740P 19971202 (60)
US 1998-80970P 19980407 (60)
DT Utility
FS GRANTED
LN.CNT 3436
INCL INCLM: 424/197.110
INCLS: 424/009.200; 424/001.570; 424/185.100; 424/193.100; 424/236.110; 436/086.000; 514/002.000; 514/021.000; 530/324.000
NCL NCLM: 424/197.110
NCLS: 424/009.200; 424/001.570; 424/185.100; 424/193.100; 424/236.110; 436/086.000; 514/002.000; 514/021.000; 530/324.000
IC [7]
ICM: A61K039-00
ICS: A61K039-385; A61K039-39
EXF 536/23.5; 435/320.1; 435/69.1; 435/69.3; 424/185.1; 424/193.1; 424/1.57; 424/9.2; 424/197.11; 424/236.1; 436/86; 514/2; 514/12; 514/21; 530/324
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 61 OF 408 USPATFULL on STN
AN 2004:223662 USPATFULL
TI Prevention and treatment of amyloidogenic disease
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6787143 B1 20040907
AI US 2000-724477 20001128 (9)
RLI Division of Ser. No. US 1998-201430, filed on 30 Nov 1998
PRAI US 1998-80970P 19980407 (60)
US 1997-67740P 19971202 (60)
DT Utility
FS GRANTED
LN.CNT 3337
INCL INCLM: 424/193.100
INCLS: 424/009.200; 424/185.100; 424/236.100; 424/197.110; 424/001.570; 436/086.000; 514/002.000; 514/012.000; 530/324.000
NCL NCLM: 424/193.100
NCLS: 424/009.200; 424/185.100; 424/236.100; 424/197.110; 424/001.570; 436/086.000; 514/002.000; 514/012.000; 530/324.000
IC [7]
ICM: A61K039-00
ICS: A61K039-385; A61K039-39
EXF 435/7.95; 435/70.21; 435/7.1; 435/7.92; 435/810; 436/548; 436/518; 436/811; 436/86; 424/1.57; 424/9.2; 424/185.1; 424/193.1; 424/236.1; 424/197.11; 514/2; 514/12; 530/324
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 62 OF 408 USPATFULL on STN
AN 2004:223660 USPATFULL
TI Prevention and treatment of amyloidogenic disease
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6787140 B1 20040907
AI US 2000-724489 20001128 (9)
RLI Division of Ser. No. US 1998-201430, filed on 30 Nov 1998
PRAI US 1997-67740P 19971202 (60)
US 1998-80970P 19980407 (60)
DT Utility
FS GRANTED
LN.CNT 3489
INCL INCLM: 424/185.100
INCLS: 424/001.570; 424/009.100; 424/009.200; 436/015.000; 436/086.000; 436/507.000; 514/002.000; 514/012.000; 514/021.000; 530/324.000

NCLS: 424/001.570; 424/009.100; 424/009.200; 436/015.000; 436/086.000; 436/507.000; 514/002.000; 514/012.000; 514/021.000; 530/324.000
IC [7]
ICM: A61K038-00
ICS: A01N037-18
EXF 514/2; 514/12; 514/21; 424/1.57; 424/185.1; 424/9.1; 424/9.2; 436/15; 436/86; 436/507; 530/324
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 63 OF 408 USPATFULL on STN
AN 2004:223659 USPATFULL
TI Prevention and treatment of amyloidogenic disease
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6787139 B1 20040907
AI US 2000-724102 20001128 (9)
RLI Division of Ser. No. US 1998-201430, filed on 30 Nov 1998
PRAI US 1997-67740P 19971202 (60)
US 1998-80970P 19980407 (60)
DT Utility
FS GRANTED
LN.CNT 3535
INCL INCLM: 424/185.100
INCLS: 424/001.570; 424/009.200; 514/002.000; 514/021.000; 436/086.000
NCL NCLM: 424/185.100
NCLS: 424/001.570; 424/009.200; 514/002.000; 514/021.000; 436/086.000
IC [7]
ICM: A61K038-00
EXF 435/7.95; 435/70.21; 435/7.1; 435/7.92; 435/810; 436/548; 436/518; 436/811; 436/86; 514/2; 514/21; 424/1.57; 424/185.1; 424/9.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 64 OF 408 USPATFULL on STN
AN 2004:223658 USPATFULL
TI Prevention and treatment of amyloidogenic disease
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6787138 B1 20040907
AI US 2000-723927 20001128 (9)
RLI Division of Ser. No. US 1998-201430, filed on 30 Nov 1998
PRAI US 1998-80970P 19980407 (60)
US 1997-67740P 19971202 (60)
DT Utility
FS GRANTED
LN.CNT 3460
INCL INCLM: 424/185.100
INCLS: 424/001.570; 424/009.100; 424/009.200; 436/015.000; 436/086.000; 436/507.000; 514/002.000; 514/012.000; 514/021.000; 530/324.000
NCL NCLM: 424/185.100
NCLS: 424/001.570; 424/009.100; 424/009.200; 436/015.000; 436/086.000; 436/507.000; 514/002.000; 514/012.000; 514/021.000; 530/324.000
IC [7]
ICM: A61K038-00
ICS: A01N037-18
EXF 514/2; 514/12; 514/21; 424/1.57; 424/185.1; 424/9.1; 424/9.2; 436/15; 436/86; 436/507; 530/324
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 65 OF 408 USPATFULL on STN
AN 2004:174261 USPATFULL
TI Passive immunization treatment of Alzheimer's disease
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6761888 B1 20040713
AI US 2000-580018 20000526 (9)
DT Utility
FS GRANTED
LN.CNT 5303
INCL INCLM: 424/130.100
INCLS: 530/300.000; 530/350.000; 530/387.100
NCL NCLM: 424/130.100
NCLS: 530/300.000; 530/350.000; 530/387.100
IC [7]
ICM: C07K016-00
ICS: C07K016-18; A61K039-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 66 OF 408 USPATFULL on STN
AN 2004:146997 USPATFULL
TI Humanized and chimeric N-terminal ***amyloid*** ***beta*** -antibodies
IN Schenk, Dale B., Burlingame, CA, United States
Bard, Frederique, Pacifica, CA, United States
Yednock, Theodore, Forest Knolls, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6750324 B1 20040615
AI US 2000-724552 20001128 (9)
RLI Continuation of Ser. No. US 2000-580018, filed on 26 May 2000
Continuation-in-part of Ser. No. US 1999-322289, filed on 28 May 1999
Continuation-in-part of Ser. No. US 1998-201430, filed on 30 Nov 1998
PRAI US 1998-80970P 19980407 (60)
US 1997-67740P 19971202 (60)
DT Utility
FS GRANTED
LN.CNT 5272
INCL INCLM: 530/387.100
INCLS: 530/300.000; 530/350.000; 424/130.100
NCL NCLM: 530/387.100
NCLS: 424/130.100; 530/300.000; 530/350.000
IC [7]
ICM: C07K016-00
ICS: C07K016-18; A61K039-00
EXF 530/300; 530/350; 530/387.1; 424/130.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 67 OF 408 USPATFULL on STN
AN 2004:135611 USPATFULL
TI Prevention and treatment of amyloidogenic disease
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6743427 B1 20040601
AI US 2000-724961 20001128 (9)
RLI Continuation of Ser. No. US 2000-580015, filed on 26 May 2000
Continuation-in-part of Ser. No. US 1999-322289, filed on 28 May 1999
Continuation-in-part of Ser. No. US 1998-201430, filed on 30 Nov 1998
PRAI US 1998-80970P 19980407 (60)
US 1997-67740P 19971202 (60)
DT Utility
FS GRANTED
LN.CNT 5449
INCL INCLM: 424/130.100
INCLS: 530/300.000; 530/350.000; 530/387.100
NCL NCLM: 424/130.100
NCLS: 530/300.000; 530/350.000; 530/387.100
IC [7]
ICM: C07K016-00
ICS: C07K016-18; A61K039-00
EXF 530/300; 530/350; 530/387.1; 724/130.1; 724/133.1; 724/139.1; 724/141; 724/142.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 68 OF 408 USPATFULL on STN
AN 2004:85238 USPATFULL
TI Compounds, methods and pharmaceutical compositions for treating cellular damage, such as neural or cardiovascular tissue damage
IN Li, Jia-He, Cockeysville, MD, United States
Zhang, Jie, Ellicott City, MD, United States
PA Guilford Pharmaceuticals, Inc., Baltimore, MD, United States (U.S. corporation)
PI US 6716828 B1 20040406
AI US 2001-781195 20010213 (9)
RLI Division of Ser. No. US 1999-387767, filed on 1 Sep 1999
DT Utility
FS GRANTED
LN.CNT 3327
INCL INCLM: 514/080.000
INCLS: 544/232.000; 544/233.000; 514/081.000; 514/248.000
NCL NCLM: 514/080.000
NCLS: 514/081.000; 514/248.000; 544/232.000; 544/233.000
IC [7]

ICS: C07D498-04; C07F009-141; A61K031-47; A61K031-50
EXF 544/233; 544/232; 514/248; 514/80; 514/81
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 69 OF 408 USPATFULL on STN
AN 2004:72673 USPATFULL
TI Transgenic mouse assay to determine the effect of A.beta. antibodies and A.beta. Fragments on alzheimer's disease characteristics
IN Schenk, Dale B., Burlingame, CA, United States
PA Neuralab Limited, BERMUDA (non-U.S. corporation)
PI US 6710226 B1 20040323
AI US 2000-723384 20001127 (9)
RLI Continuation of Ser. No. US 1999-322289, filed on 28 May 1999
Continuation-in-part of Ser. No. US 1998-201430, filed on 30 Nov 1998
PRAI US 1997-67740P 19971202 (60)
US 1998-80970P 19980407 (60)
DT Utility
FS GRANTED
LN.CNT 3945
INCL INCLM: 800/012.000
INCLS: 800/003.000; 800/018.000
NCL NCLM: 800/012.000
NCLS: 800/003.000; 800/018.000
IC [7]
ICM: A01K067-00
ICS: G01N033-00
EXF 800/8; 800/12; 800/13; 800/14; 800/18; 800/3
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 70 OF 408 USPATFULL on STN
AN 2004:59769 USPATFULL
TI Filamentous bacteriophage displaying an . ***beta*** .- ***amyloid*** epitope
IN Solomon, Beka, Herzlia Pituach, ISRAEL
Frenkel, Dan, Rehovot, ISRAEL
PA Ramot at Tel-Aviv University Ltd., Tel Aviv, ISRAEL (non-U.S. corporation)
PI US 6703015 B1 20040309
AI US 1999-473653 19991229 (9)
PRAI US 1999-152417P 19990903 (60)
DT Utility
FS GRANTED
LN.CNT 2468
INCL INCLM: 424/093.200
INCLS: 435/320.100
NCL NCLM: 424/093.200
NCLS: 435/320.100
IC [7]
ICM: A01K063-00
ICS: A61K048-00; C12N015-00
EXF 514/44; 424/93.2; 435/320.1; 435/455
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 71 OF 408 MEDLINE on STN
AN 2004406956 MEDLINE
DN PubMed ID: 14993255
TI MHC class II expression restricted to CD8alpha+ and CD11b+ dendritic cells is sufficient for control of Leishmania major.
AU Lemos Maria P; Esquivel Fatima; Scott Phillip; Laufer Terri M
CS Department of Medicine, University of Pennsylvania, Philadelphia 19104, USA.
NC AI 35914 (NIAID)
SO Journal of experimental medicine, (2004 Mar 1) 199 (5) 725-30.
Journal code: 2985109R. ISSN: 0022-1007.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200409
ED Entered STN: 20040818
Last Updated on STN: 20040903
Entered Medline: 20040902

L4 ANSWER 72 OF 408 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 1

DN PREV200400289480
TI Immunotherapy of Alzheimer's disease. Results of experimental investigations and treatment perspectives.
AU Karkos, J. [Reprint Author]
CS No Org, Wenckebachstr 10, D-12099, Berlin, Germany
j.karkos@berlin.de
SO Fortschritte der Neurologie Psychiatrie, (April 2004) Vol. 72, No. 4, pp. 204-219. print.
ISSN: 0720-4299.
DT Article
General Review; (Literature Review)
LA German
ED Entered STN: 16 Jun 2004
Last Updated on STN: 16 Jun 2004

L4 ANSWER 73 OF 408 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
AN 2003:154273 CAPLUS
DN 138:203657
TI ***Amyloid*** ***precursor*** ***protein*** or . ***beta*** . ***amyloid*** conjugated with B or T cell epitope as vaccine against Alzheimer's disease
IN Rasmussen, Peter Birk; Jensen, Martin Roland; Nielsen, Klaus Gregorius; Koefoed, Peter; Dal Degan, Florence
PA Pharmexa A/S, Den.
SO PCT Int. Appl., 122 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003015812	A2	20030227	WO 2002-DK547	20020820
	WO 2003015812	A3	20040325		
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1420815	A2	20040526	EP 2002-758181	20020820
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	BR 2002012047	A	20040817	BR 2002-12047	20020820
PRAI	DK 2001-1231	A	20010820		
	US 2001-337543P	P	20011022		
	DK 2002-558	A	20020416		
	US 2002-373027P	P	20020416		
	WO 2002-DK547	W	20020820		

L4 ANSWER 74 OF 408 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 3
AN 10422134 IFIPAT;IFIUDB;IFICDB
TI SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND PEPTIDES HOMOLOGOUS TO ***AMYLOID*** ***BETA*** , PRION PROTEIN, AMYLIN, ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN IMMUNE RESPONSE THERETO
IN Frangione Blas; Sigurdsson Einar M; Wisniewski Thomas
PA New York University (59449)
PI US 2003166558 A1 20030904
AI US 2002-301488 20021121
PRAI US 2001-331801P 20011121 (Provisional)
FI US 2003166558 20030904
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 115
GI 15 Figure(s).
FIG. 1 shows the results of a thioflavin T fluorometric assay. Fibril formation of A beta 1-42, A beta 1-30-NH2, and K6A beta 1-30-NH2 (SEQ ID NO:6) was measured in vitro following incubation at 37 degrees C. K6A beta 1-30-NH2 was the only peptide that did not form fibrils at any of

FIGS. 2A and 2B show that A beta 40 and A beta 42 are toxic to human neuroblastoma cells (SK-N-SH) in culture as determined by the MTT assay, whereas K6A beta 30-NH2 has no effect at 2 days (FIG. 2A) and is slightly trophic at 6 days (FIG. 2B). *p lessthan 0.05; **p less-than 0.01; ***p less-than 0.001 compared to VEH group (one-way ANOVA).

FIGS. 3A-3D show coronal sections (X50; original magnification) stained with 6E10 against A beta, through the hippocampus and cortex in a Tg control-(FIG. 3A) and K6A beta 1-30-treated (FIG. 3B) Tg mouse. FIGS. 3C and 3D are adjacent sections (X100) double stained for interleukin-1 that recognizes microglia, and A beta . Note the reduction of amyloid burden in the immunized mouse (FIG. 3B), and the lack of ramified microglia (FIG. 3D) surrounding A beta plaque in the same mouse, compared to a control mouse (FIG. 3A, 3C). The bars in FIGS. 3A and 3C are 100 mu m. Abbreviations: hip=hippocampus; cx=cortex; cc=corpus callosum.

FIGS. 4A-4C show the reduction in cortical (FIG. 4A) and hippocampal (FIG. 4B) amyloid burden (6E10) following 7 months treatment with K6A beta 1-30-NH2. There is an 89% reduction in cortical amyloid burden (*p=0.0002; t-test; n=4 per group) and an 81% reduction in hippocampal amyloid burden (*p=0.0001). Soluble A beta 1-42 levels (FIG. 4C) are reduced by 57% within the brains of the vaccinated mice (*p=0.0019).

FIG. 5 shows the results of a thioflavin T fluorometric assay. Fibril formation of A beta 1-42, A beta 1-40, A beta 1-30-NH2, A beta 1-30K6, A beta 1-30-NH2 (EE18,19) and A beta 1-30-NH2 (DDL18,19) was measured in vitro following incubation at 37 degrees C. for 15 days. Within this period, no fibril formation of the A beta derivatives containing a polylysine segment or an amino acid substitution within the hydrophobic region was detected.

FIGS. 6A and 6B show the results of MTT cell toxicity assay. Neurotoxicity of A beta 1-42, A beta 1-40, A beta 1-30-NH2, K6A beta 1-30-NH2, A beta 1-30K6, A beta 1-30-NH2(EE,18,19) and A beta 1-30-NH2(DD,18,19) was determined following treatment of human neuroblastoma cells (SK-N-SH) for 2 (FIG. 6A) and 6 (FIG. 6B) days. *p less-than 0.05; **p less-than 0.01; ***p less-than 0.001 compared to VEH group (one-way ANOVA). In this***

*** assay, A beta 1-40 and A beta 1-42 were toxic to human neuroblastoma***
*** cells (SK-N-SH) in culture. Of the A beta derivatives, even at the***
*** highest concentration (100 mu M), only A beta 1-30K6 displayed a sli***
*** toxicity and only on day 2 of the test. Several of the peptides were***
*** neurotrophic following 6 days incubation. *p less-than 0.05; **p***
*** less-than 0.01; ***p lessthan 0.001 (One-way Anova; Neuman Keuls' po***
*** test). ***

*** FIG. 7 shows the antibody titer determined by ELISA in mice 14 weeks a***
*** vaccination with mouse recPrP. ***

*** FIGS. 8A and 8B show that a higher anti-PrPC (ME7 FAS PrP) antibody t***
*** in vaccinated mice, as presented in FIG. 7, correlates with a longer***
*** incubation time in both PrPSc inoculated mouse groups at lower dilut***
*** (FIG. 8A; r2=0.4389, p=0.0052) and at higher dilution (FIG. 8B;***
*** r2=0.6786, p lessthan 0.0001). ***

*** FIG. 9 is a graph showing the effect of recPrP vaccination on disease***
*** onset, with day 0 being the first day an animal scored positive for***
*** disease. Group 1 mice were controls inoculated with PrPSc at a 10 fo***
*** dilution, while group 2 was inoculated at the same dilution but also***
*** received recPrP vaccination. Group 3 mice were controls inoculated w***
*** PrPSc at a 1000 fold dilution, while Group 4 received the same dilut***
*** of PrPSc along with recPrP vaccination. The two control groups recei***
*** adjuvant and vehicle injections. Two way ANOVA shows a significant e***
*** for vaccination (p=0.0005) and PrPSc dilution (p less-than 0.000001)***
*** Newman-Keuls post-hoc test showed vaccination to have a stronger eff***
*** in the 10 fold dilution group (Group 1 versus 2, p=0.001 two-tailed;***
*** Group 3 versus 4, p=0.036 one-tailed). ***

*** FIG. 10 shows an alignment of amino acid sequences of prion protein (***
*** from human (SEQ ID NO:21), gorilla (SEQ ID NO:22), chimpanzee (SEQ ***
*** NO:23), mouse (SEQ ID NO:24), rat (SEQ ID NO:25), Syrian hamster (SE***
*** NO:26), mink (SEQ ID NO:27), sheep (SEQ ID NO:28), goat (SEQ ID NO:2***
*** cow (SEQ ID NO:30), and greater kudu (SEQ ID NO:31). Amino acid resi***
*** that are identical and conserved among the prion proteins of the spe***
*** presented in this figure are boxed. ***

*** FIGS. 11A-C show ELISA evaluation of sera from individual animals***
*** vaccinated with K6A beta 1-30-NH2 and alum adjuvant, testing for ant***
*** titer against antigen (FIG. 11A), A beta 142 (FIG. 11B) and A beta 1-***
*** (FIG. 11C). ***

*** FIGS. 12A-C show ELISA evaluation of sera from individual animals***
*** immunized with A beta 1-42 and alum adjuvant, testing for antibody t***
*** against antigen (FIG. 12A), K6AP1-30-NH2 (FIG. 12B) and A beta 1-40***
*** 12C). ***

*** FIGS. 13A and 13B depict a linear maze used to evaluate cognitive***

```
***       1-30-NH2 together with alum adjuvants, as well as controls. FIG. 13A
***       shows the maze design during the adaptation phase, and FIG. 13B duri
***       testing. Dotted lines indicate blocked alleys. ***
***      FIGS. 14A-C depict results obtained from behavioral studies of animal
***       about 3-4 months of age, after vaccination with A beta 1-30-NH2 and
***       beta 1-30-NH2 together with alum adjuvants, as well as controls. The
***       studies included testing of locomotor activity (FIG. 14A), spontaneo
***       avoidance (FIG. 14B),  and passive avoidance (FIG. 14C). See Example
***      FIGS. 15A-N depict results obtained from behavioral studies of animal
***       about 11 months of age, after vaccination with A beta 1-30-NH2 and K
***       beta 1-30-NH2 together with alum adjuvants, as well as controls. The
***       studies included testing of locomotor activity (FIG. 15A), and cogni
***       testing using traverse beam (FIGS. 15B and 15C), rotarod (FIG. 15D),
***       radial arm maze (FIGS. 15E and 15F), straight alley channel (FIG. 15
***       visible platform (FIGS. 15H and 15T), Morris water maze (FIGS. 15J a
***       15K), probe trial (FIGS. 15L and 15M), and linear maze (FIG. 15N). S
***       Example 6. ***
*** ***
***L4    ANSWER 75 OF 408  USPATFULL on STN                    DUPLICATE 4***
***AN      2003:300249  USPATFULL***
***TI      125 human secreted proteins***
***IN      Feng, Ping, Gaithersburg, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Ni, Jian, Rockville, MD, UNITED STATES***
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Janat, Fouad, Westerly, RI, UNITED STATES***
***        Endress, Gregory A., Potomac, MD, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***PI      US 2003211472       A1   20031113***
***        US 2004185440       A9   20040923***
***AI      US 2001-818683      A1   20010328 (9)***
***RLI     Continuation of Ser. No. US 1999-305736, filed on 5 May 1999, UNKNO
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 22344***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 536/023.100; 530/300.000; 514/002.000***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 536/023.100; 530/300.000; 514/002.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C12P021-06; A01N037-18; C07H021-00; A61K038-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 76 OF 408  USPATFULL on STN                    DUPLICATE 5***
***AN      2003:208151  USPATFULL***
***TI      Process for preparing piperazinepentaneamide HIV protease inhibitor
***IN      Ikemoto, Norihiro, Edison, NJ, UNITED STATES***
***        Liu, Jinchu, Edison, NJ, UNITED STATES***
***PI      US 2003144512       A1   20030731***
***        US 6649761          B2   20031118***
***AI      US 2002-158527      A1   20020530 (10)***
***PRAI    US 2001-294362P      20010530 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2209***
***INCL    INCLM: 544/369.000***
***        INCLS: 544/295.000; 544/360.000***
***NCL     NCLM:  544/364.000***
***        NCLS:  544/238.000; 544/295.000; 544/357.000; 544/367.000; 544/369.
***               562/089.000***
***IC      [7]***
***        ICM: C07D413-14***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 77 OF 408  USPATFULL on STN                    DUPLICATE 6***
***AN      2003:93790  USPATFULL***
```

```
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***        Young, Paul, Gaithersburg, MD, UNITED STATES***
***        Florence, Kimberly, Rockville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Endress, Gregory A., Florence, MA, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***        Mucenski, Michael, Cincinnati, OH, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Olsen, Henrik, Gaithersburg, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Komatsoulis, George, Silver Spring, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003065151      A1   20030403***
***        US 6774216         B2   20040810***
***AI      US 2002-115123     A1   20020404 (10)***
***RLI     Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, PENDING*:
***        Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1!
***        UNKNOWN***
***PRAI    US 1998-89507P      19980616 (60)***
***        US 1998-89508P      19980616 (60)***
***        US 1998-89509P      19980616 (60)***
***        US 1998-89510P      19980616 (60)***
***        US 1998-90112P      19980622 (60)***
***        US 1998-90113P      19980622 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 18779***
***INCL    INCLM: 530/388.260***
***NCL     NCLM:  530/387.900***
***        NCLS:  430/320.000; 530/387.100; 530/387.700; 530/388.100; 530/388.!
***               536/023.500***
***IC      [7]***
***        ICM: C07K016-40***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 78 OF 408  USPATFULL on STN                    DUPLICATE 7***
***AN      2003:64730  USPATFULL***
***TI      Secreted protein HCEJQ69***
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Endress, Gregory A., Florence, MA, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***        Mucenski, Michael, Cincinnati, OH, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Komatsoulis, George A., Silver Spring, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***        corporation)***
***PI      US 2003044851      A1   20030306***
***        US 6627741         B2   20030930***
***AI      US 2001-12542      A1   20011212 (10)***
***RLI     Division of Ser. No. US 1999-461325, filed on 14 Dec 1999, PENDING*:
***        Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1!
***        UNKNOWN***
***PRAI    US 1998-89507P      19980616 (60)***
***        US 1998-89508P      19980616 (60)***
***        US 1998-89509P      19980616 (60)***
***        US 1998-89510P      19980616 (60)***
***        US 1998-90112P      19980622 (60)***
```

```
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 18831***
***INCL    INCLM: 435/007.200***
***        INCLS: 530/387.100; 435/326.000***
***NCL     NCLM:  530/389.200***
***        NCLS:  530/387.100; 530/387.300; 530/387.700; 530/387.900; 530/388.:
***               530/388.150; 530/389.100***
***IC      [7]***
***        ICM: G01N033-53***
***        ICS: C07K016-00; C12N005-16; C12N005-06; G01N033-567***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 79 OF 408  USPATFULL on STN ***
***AN      2003:335511  USPATFULL***
***TI      Proteins, polynucleotides encoding them and methods of using the sa
***IN      Shimkets, Richard A., Guilford, CT, UNITED STATES***
***        Colman, Steven D., Guilford, CT, UNITED STATES***
***        Spytek, Kimberly A., New Haven, CT, UNITED STATES***
***        Ballinger, Robert A., Newington, CT, UNITED STATES***
***        Guo, Xiaojia (Sasha), Branford, CT, UNITED STATES***
***        Tchernev, Velizar T., Branford, CT, UNITED STATES***
***        Shenoy, Suresh G., Branford, CT, UNITED STATES***
***        Li, Li, Branford, CT, UNITED STATES***
***        Ellerman, Karen, Branford, CT, UNITED STATES***
***        Zerhusen, Bryan D., Branford, CT, UNITED STATES***
***        Patturajan, Meera, Branford, CT, UNITED STATES***
***        Casman, Stacie J., North Haven, CT, UNITED STATES***
***        Boldog, Ferenc, North Haven, CT, UNITED STATES***
***        Gusev, Vladimir Y., Madison, CT, UNITED STATES***
***        Burgess, Catherine E., Wethersfield, CT, UNITED STATES***
***        Edinger, Shlomit R., New Haven, CT, UNITED STATES***
***        Gangolli, Esha A., Madison, CT, UNITED STATES***
***        Malyankar, Uriel M., Branford, CT, UNITED STATES***
***        Gunther, Erik, Branford, CT, UNITED STATES***
***        Smithson, Glennda, Guilford, CT, UNITED STATES***
***        Millet, Isabelle, Milford, CT, UNITED STATES***
***        Gerlach, Valerie, Branford, CT, UNITED STATES***
***PI      US 2003236389       A1   20031225***
***AI      US 2001-23634       A1   20011214 (10)***
***PRAI    US 2000-256025P      20001215 (60)***
***        US 2001-265163P      20010130 (60)***
***        US 2001-272929P      20010302 (60)***
***        US 2001-274864P      20010309 (60)***
***        US 2001-276688P      20010316 (60)***
***        US 2001-277880P      20010322 (60)***
***        US 2001-286409P      20010425 (60)***
***        US 2001-309246P      20010731 (60)***
***        US 2001-315600P      20010829 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 11197***
***INCL    INCLM: 530/350.000***
***NCL     NCLM:  530/350.000***
***IC      [7]***
***        ICM: C07K001-00***
***        ICS: C07K014-00; C07K017-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 80 OF 408  USPATFULL on STN ***
***AN      2003:334955  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation)
***PI      US 2003235831       A1   20031225***
***AI      US 2002-242355      A1   20020913 (10)***
***RLI     Continuation of Ser. No. US 2001-764897, filed on 17 Jan 2001, PEND:

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 22457***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
```

```
***       NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 81 OF 408  USPATFULL on STN ***
***AN     2003:334953  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Birse, Charles E., North Potomac, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***       corporation)***
***PI     US 2003235829      A1   20031225***
***AI     US 2002-227646     A1   20020826 (10)***
***RLI    Continuation of Ser. No. US 2001-860670, filed on 21 May 2001, PEND:
***       Continuation-in-part of Ser. No. WO 2001-US1346, filed on 17 Jan 20(
***       PENDING***

***FS     APPLICATION***
***LN.CNT 20415***
***INCL   INCLM: 435/006.000***
***       INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.(
***              536/023.200***
***NCL    NCLM:  435/006.000***
***       NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.(
***              536/023.200***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 82 OF 408  USPATFULL on STN ***
***AN     2003:330759  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003232975      A1   20031218***
***AI     US 2002-74024      A1   20020214 (10)***
***RLI    Continuation of Ser. No. US 2001-764895, filed on 17 Jan 2001, ABANI

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 21828***
***INCL   INCLM: 536/023.100***
***       INCLS: 530/350.000; 435/006.000; 435/007.100***
***NCL    NCLM:  536/023.100***
***       NCLS:  530/350.000; 435/006.000; 435/007.100***
***IC     [7]***
***       ICM: C07H021-00***
***       ICS: C07K001-00; C12Q001-68; G01N033-53***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 83 OF 408  USPATFULL on STN ***
***AN     2003:325103  USPATFULL***
***TI     1-Phenyl-2-heteroaryl-substituted benzimdazole derivatives, their u:
***       for the production of pharmaceutical agents as well as pharmaceutic:
***       preparations that contain these derivatives***
***IN     Blume, Thorsten, Schildow, GERMANY, FEDERAL REPUBLIC OF***
***       Halfbrodt, Wolfgang, Berlin, GERMANY, FEDERAL REPUBLIC OF***
***       Kuhnke, Joachim, Potsdam, GERMANY, FEDERAL REPUBLIC OF***
***       Moenning, Ursula, Woltersdorf, GERMANY, FEDERAL REPUBLIC OF***
***       Elger, Bernd, Berlin, GERMANY, FEDERAL REPUBLIC OF***
***       Schneider, Herbert, Berlin, GERMANY, FEDERAL REPUBLIC OF***
***PA     Schering Aktiengesellschaft, Berlin, GERMANY, FEDERAL REPUBLIC OF**:
***       (non-U.S. corporation)***
***PI     US 2003229085      A1   20031211***
***AI     US 2003-366688     A1   20030214 (10)***
***PRAI   DE 2002-10207844    20020215***
***       US 2002-357834P    20020221 (60)***
***DT     Utility***
```

```
***LN.CNT 1798***
***INCL    INCLM: 514/228.200***
***        INCLS: 514/233.800; 514/254.060; 514/322.000; 514/365.000; 514/374.(
***               514/394.000; 544/060.000; 544/139.000; 544/370.000; 546/199.(
***               548/181.000; 548/215.000; 548/304.700***
***NCL     NCLM:  514/228.200***
***        NCLS:  514/233.800; 514/254.060; 514/322.000; 514/365.000; 514/374.(
***               514/394.000; 544/060.000; 544/139.000; 544/370.000; 546/199.(
***               548/181.000; 548/215.000; 548/304.700***
***IC      [7]***
***        ICM: C07D417-02***
***        ICS: C07D413-02; C07D043-02; A61K031-541; A61K031-5377; A61K031-496
***        A61K031-454; A61K031-427; A61K031-421; A61K031-4184***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 84 OF 408  USPATFULL on STN ***
***AN      2003:319499  USPATFULL***
***TI      186 human secreted proteins***
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***        Bednarik, Daniel P., Columbia, MD, UNITED STATES***
***        Endress, Gregory A., Florence, MA, UNITED STATES***
***        Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Feng, Ping, Germantown, MD, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Duan, Roxanne, Bethesda, MD, UNITED STATES***
***        Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Fischer, Carrie L., Burke, VA, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003225248      A1   20031204***
***AI      US 2002-164861     A1   20020610 (10)***
***RLI     Division of Ser. No. US 1998-149476, filed on 8 Sep 1998, GRANTED, I
***        No. US 6420526 Continuation-in-part of Ser. No. WO 1998-US4493, file
***        6 Mar 1998, PENDING***
*
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 14391***
***INCL    INCLM: 530/350.000***
***        INCLS: 435/006.000; 435/320.100; 435/325.000; 435/069.100; 536/023.5
***NCL     NCLM:  530/350.000***
***        NCLS:  435/006.000; 435/320.100; 435/325.000; 435/069.100; 536/023.5
***IC      [7]***
***        ICM: C07K014-435***
***        ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 85 OF 408  USPATFULL on STN ***
***AN      2003:319260  USPATFULL***
***TI      28 human secreted proteins***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Zeng, ZhiZhen, Landsdale, PA, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***        Fischer, Carrie L., Burke, VA, UNITED STATES***
***        Li, Haodong, Gaithersburg, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Gentz, Reiner L., Rockville, MD, UNITED STATES***
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
```

```
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Hastings, Gregg A., Westlake Village, CA, UNITED STATES***
***PI      US 2003225009      A1   20031204***
***AI      US 2002-58993      A1   20020130 (10)***
***RLI     Continuation-in-part of Ser. No. US 2001-852659, filed on 11 May 20(
***        PENDING Continuation-in-part of Ser. No. US 1998-152060, filed on 1:
***        1998, GRANTED, Pat. No. US 6448230 Continuation-in-part of Ser. No.
***        2001-852797, filed on 11 May 2001, PENDING Continuation-in-part of :
***        No. US 1998-152060, filed on 11 Sep 1998, GRANTED, Pat. No. US 6448:
***        Continuation-in-part of Ser. No. US 2001-853161, filed on 11 May 20(
***        PENDING Continuation-in-part of Ser. No. US 1998-152060, filed on 1:
***        1998, GRANTED, Pat. No. US 6448230 Continuation-in-part of Ser. No.
***        1998-US4858, filed on 12 Mar 1998, PENDING***
***PRAI    US 2001-265583P     20010202 (60)***
***        US 2001-265583P     20010202 (60)***
***        US 2001-265583P     20010202 (60)***
***        US 2001-265583P     20010202 (60)***
***        US 1997-40762P      19970314 (60)***
***        US 1997-40710P      19970314 (60)***
***        US 1997-50934P      19970530 (60)***
***        US 1997-48100P      19970530 (60)***
***        US 1997-48357P      19970530 (60)***
***        US 1997-48189P      19970530 (60)***
***        US 1997-57765P      19970905 (60)***
***        US 1997-48970P      19970606 (60)***
***        US 1997-68368P      19971219 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 29452***
***INCL    INCLM: 514/044.000***
***        INCLS: 435/069.100; 435/183.000; 435/455.000; 435/320.100; 435/325.(
***               536/023.200***
***NCL     NCLM:  514/044.000***
***        NCLS:  435/069.100; 435/183.000; 435/455.000; 435/320.100; 435/325.(
***               536/023.200***
***IC      [7]***
***        ICM: A61K048-00***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C12N015-85***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 86 OF 408  USPATFULL on STN ***
***AN      2003:318717  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003224461      A1   20031204***
***AI      US 2002-91414      A1   20020307 (10)***
***RLI     Continuation of Ser. No. US 2001-764867, filed on 17 Jan 2001, ABANI

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 19433***
***INCL    INCLM: 435/007.230***
***        INCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.:
***NCL     NCLM:  435/007.230***
***        NCLS:  435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.:
***IC      [7]***
***        ICM: G01N033-574***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 87 OF 408  USPATFULL on STN ***
***AN      2003:312882  USPATFULL***
***TI      29 human secreted proteins***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Brookeville, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
```

```
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Olsen, Henrik, Gaithersburg, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Komatsoulis, George A., Silver Spring, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003220489      A1   20031127***
***AI      US 2002-266829     A1   20021009 (10)***
***RLI     Continuation of Ser. No. US 2001-756168, filed on 9 Jan 2001, ABAND(
***        Continuation-in-part of Ser. No. WO 2000-US19735, filed on 20 Jul 2(
***        PENDING***
***PRAI    US 1999-145220P     19990723 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT  25601***
***INCL    INCLM: 536/023.500***
***        INCLS: 530/350.000; 514/012.000; 435/006.000; 435/007.100; 435/069.:
***               435/320.100; 435/325.000***
***NCL     NCLM:  536/023.500***
***        NCLS:  530/350.000; 514/012.000; 435/006.000; 435/007.100; 435/069.:
***               435/320.100; 435/325.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: G01N033-53; C07H021-04; C12P021-02; C12N005-06; C07K014-47;***
***        A61K038-17***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 88 OF 408  USPATFULL on STN ***
***AN      2003:312161  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003219758      A1   20031127***
***AI      US 2002-158034     A1   20020531 (10)***
***RLI     Continuation of Ser. No. US 2001-764871, filed on 17 Jan 2001, PEND:

***DT      Utility***
***FS      APPLICATION***
***LN.CNT  28116***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/007.100; 435/183.000; 435/069.100; 435/320.100; 435/325.(
***               530/350.000; 536/023.200; 514/012.000***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/007.100; 435/183.000; 435/069.100; 435/320.100; 435/325.(
***               530/350.000; 536/023.200; 514/012.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: G01N033-53; C07H021-04; C12N009-00; C12P021-02; C12N005-06;***
***        C07K014-47***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 89 OF 408  USPATFULL on STN ***
***AN      2003:306459  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003215893      A1   20031120***
***AI      US 2002-212872     A1   20020807 (10)***
***RLI     Continuation of Ser. No. US 2002-74095, filed on 14 Feb 2002, PENDII
***        Continuation of Ser. No. US 2001-764860, filed on 17 Jan 2001, ABANI

***DT      Utility***
***FS      APPLICATION***
***LN.CNT  22065***
***INCL    INCLM: 435/007.230***
***        INCLS: 435/069.300; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***               435/006.000***
***NCL     NCLM:  435/007.230***
***        NCLS:  435/069.300; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***               435/006.000***
***IC      [7]***
```

```
***        ICS: G01N033-574; C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 90 OF 408  USPATFULL on STN ***
***AN      2003:306032  USPATFULL***
***TI      Methods and compositions for vaccination against or involving***
***        enterobacteriaceae bacteria***
***IN      Klimpel, Gary R., Santa Fe, TX, UNITED STATES***
***        Niesel, David W., Friendswood, TX, UNITED STATES***
***        Chopra, Ashok, League City, TX, UNITED STATES***
***        Sha, Jian, League City, TX, UNITED STATES***
***PI      US 2003215464       A1   20031120***
***AI      US 2003-394517      A1   20030320 (10)***
***PRAI    US 2002-366346P      20020321 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 3274***
***INCL    INCLM: 424/200.100***
***        INCLS: 435/252.300; 435/252.330***
***NCL     NCLM:  424/200.100***
***        NCLS:  435/252.300; 435/252.330***
***IC      [7]***
***        ICM: A61K039-02***
***        ICS: C12N001-21***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 91 OF 408  USPATFULL on STN ***
***AN      2003:300287  USPATFULL***
***TI      Compositions and methods for the therapy and diagnosis of lung cance
***IN      Henderson, Robert A., Edmonds, WA, UNITED STATES***
***        Wang, Tongtong, Medina, WA, UNITED STATES***
***        Watanabe, Yoshihiro, Mercer Island, WA, UNITED STATES***
***        Kalos, Michael D., Seattle, WA, UNITED STATES***
***        Sleath, Paul R., Seattle, WA, UNITED STATES***
***        Johnson, Jeffrey C., Des Moines, WA, UNITED STATES***
***        Retter, Marc W., Carnation, WA, UNITED STATES***
***        Durham, Margarita, Seattle, WA, UNITED STATES***
***        Carter, Darrick, Seattle, WA, UNITED STATES***
***        Fanger, Gary R., Mill Creek, WA, UNITED STATES***
***        Vedvick, Thomas S., Federal Way, WA, UNITED STATES***
***        Bangur, Chaitanya S., Seattle, WA, UNITED STATES***
***        McNabb, Andria, Renton, WA, UNITED STATES***
***PA      Corixa Corporation, Seattle, WA, UNITED STATES (U.S. corporation)**
***PI      US 2003211510       A1   20031113***
***AI      US 2002-283017      A1   20021028 (10)***
***RLI     Continuation-in-part of Ser. No. US 2002-113872, filed on 28 Mar 20(
***        PENDING Continuation-in-part of Ser. No. US 2001-17754, filed on 29
***        2001, PENDING Continuation-in-part of Ser. No. US 2001-902941, filec
***        10 Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-84962(
***        filed on 3 May 2001, PENDING Continuation-in-part of Ser. No. US***
***        2000-736457, filed on 13 Dec 2000, GRANTED, Pat. No. US 6509448***
***        Continuation-in-part of Ser. No. US 2000-702705, filed on 30 Oct 20(
***        GRANTED, Pat. No. US 6504010 Continuation-in-part of Ser. No. US***
***        2000-677419, filed on 6 Oct 2000, PENDING Continuation-in-part of Se
***        No. US 2000-671325, filed on 26 Sep 2000, PENDING Continuation-in-pa
***        of Ser. No. US 2000-658824, filed on 8 Sep 2000, PENDING***
***        Continuation-in-part of Ser. No. US 2000-651563, filed on 29 Aug 20(
***        PENDING Continuation-in-part of Ser. No. US 2000-614124, filed on 1
***        2000, PENDING Continuation-in-part of Ser. No. US 2000-589184, filec
***        5 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-560406,
***        filed on 27 Apr 2000, PENDING Continuation-in-part of Ser. No. US**
***        2000-546259, filed on 10 Apr 2000, ABANDONED Continuation-in-part o
***        Ser. No. US 2000-533077, filed on 22 Mar 2000, ABANDONED***
***        Continuation-in-part of Ser. No. US 2000-519642, filed on 6 Mar 200(
***        PENDING Continuation-in-part of Ser. No. US 1999-476300, filed on 3(
***        1999, PENDING Continuation-in-part of Ser. No. US 1999-466867, filec
***        17 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1999-41935(
***        filed on 15 Oct 1999, ABANDONED Continuation-in-part of Ser. No. US
***        1999-346492, filed on 30 Jun 1999, ABANDONED***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 9779***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/007.230; 435/069.100; 435/372.000; 435/320.100; 424/093.
***               530/350.000***
```

```
***       NCLS:  435/007.230; 435/069.100; 435/372.000; 435/320.100; 424/093.
***              530/350.000***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: G01N033-574; C12P021-02; C12N005-08; C07K014-47***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 92 OF 408  USPATFULL on STN ***
***AN     2003:299857  USPATFULL***
***TI     Pseudo-antibody constructs***
***IN     Heavner, George A., Malvern, PA, UNITED STATES***
***PI     US 2003211078      A1   20031113***
***AI     US 2002-309722     A1   20021204 (10)***
***PRAI   US 2001-336707P     20011207 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 2660***
***INCL   INCLM: 424/085.100***
***       INCLS: 424/130.100; 514/012.000; 514/054.000; 530/351.000; 530/350.(
***              530/387.100; 536/123.000; 525/054.100***
***NCL    NCLM:  424/085.100***
***       NCLS:  424/130.100; 514/012.000; 514/054.000; 530/351.000; 530/350.(
***              530/387.100; 536/123.000; 525/054.100***
***IC     [7]***
***       ICM: A61K038-19***
***       ICS: A61K038-17; A61K031-715; C07K016-46; C07K014-52; A61K039-395**:
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 93 OF 408  USPATFULL on STN ***
***AN     2003:289310  USPATFULL***
***TI     109 human secreted proteins***
***IN     Moore, Paul A., Germantown, MD, UNITED STATES***
***       Ruben, Steven M., Brookeville, MD, UNITED STATES***
***       Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Soppet, Daniel R., Centreville, VA, UNITED STATES***
***       Kyaw, Hla, Boonsboro, MD, UNITED STATES***
***       Wei, Ying-Feig, Berkeley, CA, UNITED STATES***
***       Florence, Kimberly, Rockville, MD, UNITED STATES***
***       Duan, Roxanne, Bethesda, MD, UNITED STATES***
***       Florence, Charles, Rockville, MD, UNITED STATES***
***       Greene, John M., Gaithersburg, MD, UNITED STATES***
***       Feng, Ping, Germantown, MD, UNITED STATES***
***       Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***       Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***       Janat, Fouad, Westerly, RI, UNITED STATES***
***       Ni, Jian, Germantown, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***       corporation)***
***PI     US 2003204071      A1   20031030***
***AI     US 2003-372876     A1   20030226 (10)***
***RLI    Continuation of Ser. No. US 1999-334595, filed on 17 Jun 1999, PEND
***       Continuation-in-part of Ser. No. WO 1998-US27059, filed on 17 Dec 1
***       PENDING***
***PRAI   US 1997-70923P      19971218 (60)***
***       US 1997-68007P      19971218 (60)***
***       US 1997-68057P      19971218 (60)***
***       US 1997-68006P      19971218 (60)***
***       US 1997-68369P      19971219 (60)***
***       US 1997-68367P      19971219 (60)***
***       US 1997-68368P      19971219 (60)***
***       US 1997-68169P      19971219 (60)***
***       US 1997-68053P      19971218 (60)***
***       US 1997-68064P      19971218 (60)***
***       US 1997-68054P      19971218 (60)***
***       US 1997-68008P      19971218 (60)***
***       US 1997-68365P      19971219 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 12610***
***INCL   INCLM: 536/023.200***
***       INCLS: 530/350.000; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***NCL    NCLM:  536/023.200***
***       NCLS:  530/350.000; 435/069.100; 435/183.000; 435/320.100; 435/325.(
```

```
***        ICM: C07H021-04***
***        ICS: C12N009-00; C12P021-02; C12N005-06; C07K014-47***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 94 OF 408  USPATFULL on STN ***
***AN      2003:288603  USPATFULL***
***TI      13 human colon and colon cancer associated proteins***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003203361       A1   20031030***
***AI      US 2001-997003      A1   20011130 (9)***
***RLI     Continuation-in-part of Ser. No. WO 2000-US22157, filed on 11 Aug 2(
***        PENDING***
***PRAI    US 1999-148680P     19990813 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 19712***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/007.230; 435/069.300; 435/183.000; 435/320.100; 435/325.(
***               536/023.200***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/007.230; 435/069.300; 435/183.000; 435/320.100; 435/325.(
***               536/023.200***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: G01N033-574; C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 95 OF 408  USPATFULL on STN ***
***AN      2003:288222  USPATFULL***
***TI      Methods and reagents for decreasing clinical reaction to allergy***
***IN      Caplan, Michael J., Woodbridge, CT, UNITED STATES***
***        Sosin, Howard B., Fairfield, CT, UNITED STATES***
***        Sampson, Hugh, Larchmont, NY, UNITED STATES***
***        Bannon, Gary A., Wentzville, MO, UNITED STATES***
***        Burks, A. Wesley, JR., Little Rock, AR, UNITED STATES***
***        Cockrell, Gael, Cabot, AR, UNITED STATES***
***        Compadre, Cesar M., Little Rock, AR, UNITED STATES***
***        Connaughton, Cathie, Conway, AR, UNITED STATES***
***        Helm, Ricki M., Little Rock, AR, UNITED STATES***
***        King, Nina E., Mason, OH, UNITED STATES***
***        Kopper, Randall A., Conway, AR, UNITED STATES***
***        Maleki, Soheila J., New Orleans, LA, UNITED STATES***
***        Rabjohn, Patrick A., Little Rock, AR, UNITED STATES***
***        Shin, David S., San Diego, CA, UNITED STATES***
***        Stanley, J. Steven, North Little Rock, AR, UNITED STATES***
***PI      US 2003202980       A1   20031030***
***AI      US 2002-100303      A1   20020318 (10)***
***RLI     Continuation-in-part of Ser. No. US 2000-494096, filed on 28 Jan 20(
***        PENDING Continuation-in-part of Ser. No. US 1999-267719, filed on 1:
***        1999, ABANDONED Continuation-in-part of Ser. No. US 1999-248674, fi:
***        on 11 Feb 1999, ABANDONED Continuation-in-part of Ser. No. US***
***        1999-248673, filed on 11 Feb 1999, ABANDONED Continuation-in-part o:
***        Ser. No. US 1999-241101, filed on 29 Jan 1999, ABANDONED***
***        Continuation-in-part of Ser. No. US 1999-240557, filed on 29 Jan 19!
***        ABANDONED Continuation-in-part of Ser. No. US 1998-141220, filed on
***        Aug 1998, PENDING Continuation-in-part of Ser. No. US 1998-106872, :
***        on 29 Jun 1998, GRANTED, Pat. No. US 6486311 Continuation-in-part o:
***        Ser. No. US 1998-191593, filed on 13 Nov 1998, PENDING Continuation
***        Ser. No. US 1996-717933, filed on 23 Sep 1996, ABANDONED***
***PRAI    US 1999-122450P     19990302 (60)***
***        US 1999-122452P     19990302 (60)***
***        US 1999-122560P     19990302 (60)***
***        US 1999-122565P     19990302 (60)***
***        US 1999-122566P     19990302 (60)***
***        US 1998-74633P      19980213 (60)***
***        US 1998-74624P      19980213 (60)***
***        US 1998-74590P      19980213 (60)***
***        US 1998-73283P      19980131 (60)***
***        US 1995-9455P       19951229 (60)***
***        US 2001-276822P     20010316 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 6600***
```

```
***        INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 530/370.(
***               536/023.500; 536/023.600***
***NCL     NCLM:  424/185.100***
***        NCLS:  435/069.100; 435/320.100; 435/325.000; 530/350.000; 530/370.(
***               536/023.500; 536/023.600***
***IC      [7]***
***        ICM: A61K039-00***
***        ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-415; C07K014-47***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 96 OF 408  USPATFULL on STN ***
***AN      2003:282665  USPATFULL***
***TI      Nucleic Acids, Proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsvile, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***        corporation)***
***PI      US 2003199008       A1    20031023***
***AI      US 2002-80254       A1    20020222 (10)***
***RLI     Continuation of Ser. No. US 2001-764858, filed on 17 Jan 2001, ABANI

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 20702***
***INCL    INCLM: 435/007.230***
***        INCLS: 435/069.100; 435/325.000; 435/320.100; 435/183.000; 536/023.:
***NCL     NCLM:  435/007.230***
***        NCLS:  435/069.100; 435/325.000; 435/320.100; 435/183.000; 536/023.:
***IC      [7]***
***        ICM: G01N033-574***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 97 OF 408  USPATFULL on STN ***
***AN      2003:282304  USPATFULL***
***TI      Stabilized HBc chimer particles as therapeutic vaccine for chronic*:
***        hepatitis***
***IN      Page, Mark, Allestree, UNITED KINGDOM***
***        Friede, Martin, Cardiff, CA, UNITED STATES***
***PI      US 2003198645       A1    20031023***
***AI      US 2003-372076      A1    20030221 (10)***
***RLI     Continuation-in-part of Ser. No. US 2002-82014, filed on 21 Feb 200:
***        PENDING Continuation-in-part of Ser. No. US 2002-80299, filed on 21
***        2002, PENDING***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 5638***
***INCL    INCLM: 424/192.100***
***        INCLS: 424/191.100; 530/826.000; 424/189.100; 536/023.720; 536/023.'
***NCL     NCLM:  424/192.100***
***        NCLS:  424/191.100; 530/826.000; 424/189.100; 536/023.720; 536/023.'
***IC      [7]***
***        ICM: C07H021-04***
***        ICS: A61K039-29; A61K039-00; A61K039-002; C07K001-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 98 OF 408  USPATFULL on STN ***
***AN      2003:271690  USPATFULL***
***TI      Transcription factor polynucleotides, polypeptides, antibodies, and:
***        methods based thereon***
***IN      Barash, Steven C., Rockville, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***PI      US 2003191298       A1    20031009***
***AI      US 2002-112857      A1    20020402 (10)***
***RLI     Continuation-in-part of Ser. No. WO 2001-US30146, filed on 27 Sep 2(
***        PENDING***
***PRAI    US 2000-236803P     20001002 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 18978***
***INCL    INCLM: 536/023.100***
***NCL     NCLM:  536/023.100***
```

*** ICM: C07H021-02***
*** ICS: C07H021-04***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 99 OF 408 USPATFULL on STN ***
AN 2003:271104 USPATFULL
TI 17 human secreted proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
*** Komatsoulis, George A., Silver Spring, MD, UNITED STATES***
*** Baker, Kevin P., Darnestown, MD, UNITED STATES***
*** Birse, Charles E., North Potomac, MD, UNITED STATES***
*** Soppet, Daniel R., Centreville, VA, UNITED STATES***
*** Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
*** Moore, Paul A., Germantown, MD, UNITED STATES***
*** Wei, Ping, Brookeville, MD, UNITED STATES***
*** Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
*** Duan, D. Roxanne, Bethesda, MD, UNITED STATES***
*** Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
*** Choi, Gil H., Rockville, MD, UNITED STATES***
*** Fiscella, Michele, Bethesda, MD, UNITED STATES***
*** Ni, Jian, Germantown, MD, UNITED STATES***
*** Ruben, Steven M., Brookeville, MD, UNITED STATES***
*** Barash, Steven C., Rockville, MD, UNITED STATES***
PI US 2003190707 A1 20031009
AI US 2002-277802 A1 20021023 (10)
***RLI Continuation of Ser. No. US 2001-915582, filed on 27 Jul 2001, PEND
*** Continuation-in-part of Ser. No. WO 2001-US1431, filed on 17 Jan 20(
*** PENDING***
PRAI US 2000-179065P 20000131 (60)
*** US 2000-180628P 20000204 (60)***
*** US 2000-231968P 20000912 (60)***
DT Utility
FS APPLICATION
LN.CNT 20847
INCL INCLM: 435/069.100
*** INCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.
NCL NCLM: 435/069.100
*** NCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.
IC [7]
*** ICM: C12P021-02***
*** ICS: C12N005-06; C07K014-47; C07H021-04; C12N009-00***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 100 OF 408 USPATFULL on STN ***
AN 2003:271094 USPATFULL
TI Novel co-stimulatory molecules
IN Punnonen, Juha, Belmont, CA, UNITED STATES
*** Lazetic, Alexandra L.L., San Jose, CA, UNITED STATES***
*** Leong, Steven R., Berkeley, CA, UNITED STATES***
*** Chang, Chia-Chun Jean, Los Gatos, CA, UNITED STATES***
*** Apt, Doris, Sunnyvale, CA, UNITED STATES***
*** Gustafsson, Claes, Belmont, CA, UNITED STATES***
PI US 2003190697 A1 20031009
AI US 2001-888324 A1 20010622 (9)
PRAI US 2000-213946P 20000623 (60)
*** US 2000-241245P 20001017 (60)***
DT Utility
FS APPLICATION
LN.CNT 14565
INCL INCLM: 435/069.100
*** INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500***
NCL NCLM: 435/069.100
*** NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500***
IC [7]
*** ICM: C12P021-02***
*** ICS: C12N005-06; C07K014-705; C07H021-04***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 101 OF 408 USPATFULL on STN ***
AN 2003:258639 USPATFULL
TI 207 human secreted proteins
IN Ni, Jian, Germantown, MD, UNITED STATES
*** Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
*** LaFleur, David W., Washington, DC, UNITED STATES***
*** Moore, Paul A., Germantown, MD, UNITED STATES***

```
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***        Florence, Charles, Rockville, MD, UNITED STATES***
***        Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***        Fischer, Carrie L., Burke, VA, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Fan, Ping, Potomac, MD, UNITED STATES***
***        Feng, Ping, Gaithersburg, MD, UNITED STATES***
***        Endress, Gregory A., Florence, MA, UNITED STATES***
***        Dillon, Patrick J., Carlsbad, CA, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***PI      US 2003181692      A1   20030925***
***AI      US 2001-933767     A1   20010822 (9)***
***RLI     Continuation-in-part of Ser. No. WO 2001-US5614, filed on 21 Feb 20(
***        PENDING Continuation-in-part of Ser. No. US 1998-205258, filed on 4
***        1998, PENDING***

***FS      APPLICATION***
***LN.CNT  32746***
***INCL    INCLM: 536/023.100***
***        INCLS: 530/350.000; 435/325.000; 435/183.000; 435/069.100; 435/320.1
***NCL     NCLM:  536/023.100***
***        NCLS:  530/350.000; 435/325.000; 435/183.000; 435/069.100; 435/320.1
***IC      [7]***
***        ICM: C07H021-04***
***        ICS: C12N009-00; C12P021-02; C12N005-06; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 102 OF 408  USPATFULL on STN ***
***AN      2003:251892  USPATFULL***
***TI      148 human secreted proteins***
***IN      Feng, Ping, Germantown, MD, UNITED STATES***
***        Duan, Roxanne, Bethesda, MD, UNITED STATES***
***        Ruben, Steven M., Brookeville, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Florence, Charles, Rockville, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Janat, Fouad, Westerly, RI, UNITED STATES***
***        Endress, Gregory A., Florence, MA, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***PI      US 2003176681      A1   20030918***
***AI      US 2002-231417     A1   20020830 (10)***
***RLI     Continuation of Ser. No. US 1999-296622, filed on 23 Apr 1999, PEND
***        Continuation-in-part of Ser. No. WO 1998-US22376, filed on 23 Oct 1
***        PENDING***
***PRAI    US 1997-63099P      19971024 (60)***
***        US 1997-63088P      19971024 (60)***
***        US 1997-63100P      19971024 (60)***
***        US 1997-63387P      19971024 (60)***
***        US 1997-63148P      19971024 (60)***
***        US 1997-63386P      19971024 (60)***
***        US 1997-63784P      19971031 (60)***
```

```
***        US 1997-63090P       19971024 (60)***
***        US 1997-63089P       19971024 (60)***
***        US 1997-63092P       19971024 (60)***
***        US 1997-63111P       19971024 (60)***
***        US 1997-63101P       19971024 (60)***
***        US 1997-63109P       19971024 (60)***
***        US 1997-63110P       19971024 (60)***
***        US 1997-63098P       19971024 (60)***
***        US 1997-63097P       19971024 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 22111***
***INCL    INCLM: 536/023.200***
***        INCLS: 530/350.000; 435/006.000; 435/069.100; 435/325.000; 435/320.1
***               435/183.000***
***NCL     NCLM:  536/023.200***
***        NCLS:  530/350.000; 435/006.000; 435/069.100; 435/325.000; 435/320.1
***               435/183.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 103 OF 408  USPATFULL on STN ***
***AN      2003:251072  USPATFULL***
***TI      186 human secreted proteins***
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***        Bednarik, Daniel P., Columbia, MD, UNITED STATES***
***        Endress, Gregory A., Florence, MA, UNITED STATES***
***        Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Feng, Ping, Germantown, MD, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Duan, D. Roxanne, Bethesda, MD, UNITED STATES***
***        Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Fischer, Carrie L., Burke, VA, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Zeng, ZhiZhen, Lansdale, PA, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***PI      US 2003175858        A1   20030918***
***AI      US 2001-882171       A1   20010618 (9)***
***RLI     Continuation of Ser. No. US 2001-809391, filed on 16 Mar 2001, PEND
***        Continuation of Ser. No. US 1998-149476, filed on 8 Sep 1998, GRANTI
***        Pat. No. US 6420526 Continuation-in-part of Ser. No. WO 1998-US4493
***        filed on 6 Mar 1998, PENDING***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 26326***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/183.000; 435/320.100; 435/325.000; 435/006.000; 530/350.(
***               536/023.200***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/183.000; 435/320.100; 435/325.000; 435/006.000; 530/350.(
***               536/023.200***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12P021-06; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 104 OF 408  USPATFULL on STN ***
***AN      2003:250953  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
```

```
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003175739       A1   20030918***
***AI      US 2002-222020      A1   20020816 (10)***
***RLI     Continuation of Ser. No. US 2002-116016, filed on 5 Apr 2002, PENDI
***        Continuation of Ser. No. US 2001-764848, filed on 17 Jan 2001, ABAN

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 20345***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.
***               536/023.200***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.
***               536/023.200***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 105 OF 408  USPATFULL on STN ***
***AN      2003:250925  USPATFULL***
***TI      Molecular antigen array***
***IN      Renner, Wolfgang A., Zurich, SWITZERLAND***
***        Bachmann, Martin, Winterthur, SWITZERLAND***
***        Tissot, Alain, Zurich, SWITZERLAND***
***        Maurer, Patrick, Winterthur, SWITZERLAND***
***        Lechner, Franziska, Zurich, SWITZERLAND***
***        Sebbel, Peter, Zurich, SWITZERLAND***
***        Piossek, Christine, Winterthur, SWITZERLAND***
***        Ortmann, Rainer, Saint Louis, SWITZERLAND***
***        Luond, Rainer, Therwil, SWITZERLAND***
***        Staufenbiel, Matthias, Lorrach, GERMANY, FEDERAL REPUBLIC OF***
***        Frey, Peter, Bern, SWITZERLAND***
***PA      Cytos Biotechnology AG (non-U.S. corporation)***
***PI      US 2003175711       A1   20030918***
***AI      US 2002-50898       A1   20020118 (10)***
***PRAI    US 2001-331045P      20011107 (60)***
***        US 2001-326998P      20011005 (60)***
***        US 2001-288549P      20010504 (60)***
***        US 2001-262379P      20010119 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 14673***
***INCL    INCLM: 435/006.000***
***        INCLS: 424/201.100; 435/005.000; 435/007.320***
***NCL     NCLM:  435/006.000***
***        NCLS:  424/201.100; 435/005.000; 435/007.320***
***IC      [7]***
***        ICM: C12Q001-70***
***        ICS: G01N033-554; G01N033-569; A61K039-295; C12Q001-68***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 106 OF 408  USPATFULL on STN ***
***AN      2003:250504  USPATFULL***
***TI      Molecular antigen array***
***IN      Renner, Wolfgang A., Zurich, SWITZERLAND***
***        Bachmann, Martin, Winterthur, SWITZERLAND***
***        Tissot, Alain, Zurich, SWITZERLAND***
***        Maurer, Patrick, Winterthur, SWITZERLAND***
***        Lechner, Franziska, Zurich, SWITZERLAND***
***        Sebbel, Peter, Zurich, SWITZERLAND***
***        Piossek, Christine, Winterthur, SWITZERLAND***
***PA      Cytos Biotechnology AG (non-U.S. corporation)***
***PI      US 2003175290       A1   20030918***
***AI      US 2002-50902       A1   20020118 (10)***
***PRAI    US 2001-331045P      20011107 (60)***
***        US 2001-326998P      20011005 (60)***
***        US 2001-288549P      20010504 (60)***
***        US 2001-262379P      20010119 (60)***
***DT      Utility***
***FS      APPLICATION***
```

```
***INCL    INCLM: 424/186.100***
***        INCLS: 435/005.000; 435/007.900; 435/287.200; 435/006.000***
***NCL     NCLM:  424/186.100***
***        NCLS:  435/005.000; 435/007.900; 435/287.200; 435/006.000***
***IC      [7]***
***        ICM: A61K039-12***
***        ICS: C12Q001-70; G01N033-53; G01N033-542; C12M001-34; C12Q001-68;**
***        C12M003-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 107 OF 408  USPATFULL on STN ***
***AN      2003:250446  USPATFULL***
***TI      INHIBITION OF APOPTOSIS IN KERATINOCYTES BY A LIGAND OF p75 NERVE GI
***        FACTOR RECEPTOR***
***IN      GILCHRIST, BARBARA A., BROOKLINE, MA, UNITED STATES***
***        YAAR, MINA, SHARON, MA, UNITED STATES***
***        ELLER, MARK, BOSTON, MA, UNITED STATES***
***PI      US 2003175231       A1   20030918***
***AI      US 1998-18194       A1   19980204 (9)***
***RLI     Continuation-in-part of Ser. No. US 1997-793683, filed on 3 Apr 199
***        ABANDONED A 371 of International Ser. No. WO 1995-US10971, filed on
***        Aug 1995, UNKNOWN Continuation of Ser. No. US 1994-298941, filed on
***        Aug 1994, GRANTED, Pat. No. US 6103689***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 1632***
***INCL    INCLM: 424/070.140***
***        INCLS: 514/012.000***
***NCL     NCLM:  424/070.140***
***        NCLS:  514/012.000***
***IC      [7]***
***        ICM: A61K038-18***
***        ICS: A61K007-06; A61K007-11***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 108 OF 408  USPATFULL on STN ***
***AN      2003:243846  USPATFULL***
***TI      Compositions and methods for the therapy and diagnosis of lung cance
***IN      Watanabe, Yoshihiro, Mercer Island, WA, UNITED STATES***
***        Henderson, Robert A., Edmonds, WA, UNITED STATES***
***        Kalos, Michael D., Seattle, WA, UNITED STATES***
***        Sleath, Paul R., Seattle, WA, UNITED STATES***
***        Vedvick, Thomas S., Federal Way, WA, UNITED STATES***
***        Carter, Darrick, Seattle, WA, UNITED STATES***
***        Fanger, Gary R., Mill Creek, WA, UNITED STATES***
***PA      Corixa Corporation, Seattle, WA (U.S. corporation)***
***PI      US 2003170255       A1   20030911***
***AI      US 2002-113872      A1   20020328 (10)***
***RLI     Continuation-in-part of Ser. No. US 2001-17754, filed on 29 Oct 200
***        PENDING Continuation-in-part of Ser. No. US 2001-902941, filed on 1(
***        2001, PENDING Continuation-in-part of Ser. No. US 2001-849626, filed
***        3 May 2001, PENDING Continuation-in-part of Ser. No. US 2000-736457,
***        filed on 13 Dec 2000, GRANTED, Pat. No. US 6509448 Continuation-in-p
***        of Ser. No. US 2000-702705, filed on 30 Oct 2000, GRANTED, Pat. No.
***        6504010 Continuation-in-part of Ser. No. US 2000-677419, filed on 6
***        2000, PENDING Continuation-in-part of Ser. No. US 2000-671325, filed
***        26 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-65882
***        filed on 8 Sep 2000, PENDING Continuation-in-part of Ser. No. US***
***        2000-651563, filed on 29 Aug 2000, PENDING Continuation-in-part of S
***        No. US 2000-614124, filed on 11 Jul 2000, PENDING Continuation-in-pa
***        of Ser. No. US 2000-589184, filed on 5 Jun 2000, PENDING***
***        Continuation-in-part of Ser. No. US 2000-560406, filed on 27 Apr 20(
***        PENDING Continuation-in-part of Ser. No. US 2000-546259, filed on 1(
***        2000, ABANDONED Continuation-in-part of Ser. No. US 2000-533077, fi
***        on 22 Mar 2000, ABANDONED Continuation-in-part of Ser. No. US***
***        2000-519642, filed on 6 Mar 2000, PENDING Continuation-in-part of Se
***        No. US 1999-476300, filed on 30 Dec 1999, PENDING Continuation-in-pa
***        of Ser. No. US 1999-466867, filed on 17 Dec 1999, PENDING***
***        Continuation-in-part of Ser. No. US 1999-419356, filed on 15 Oct 19
***        ABANDONED Continuation-in-part of Ser. No. US 1999-346492, filed on
***        Jun 1999, ABANDONED***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 8934***
***INCL    INCLM: 424/185.100***
```

```
***IC     [7]***
***       ICM: A61K039-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 109 OF 408  USPATFULL on STN ***
***AN     2003:238736  USPATFULL***
***TI     14715, a human fringe family member and uses therefor***
***IN     Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES***
***       Anderson, Karen L., Watertown, MA, UNITED STATES***
***PA     Millennium Pharmaceuticals, Inc. (U.S. corporation)***
***PI     US 2003166894      A1   20030904***
***AI     US 2002-141604     A1   20020508 (10)***
***PRAI   US 2001-289894P     20010509 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 4683***
***INCL   INCLM: 536/023.100***
***NCL    NCLM:  536/023.100***
***IC     [7]***
***       ICM: C07H021-02***
***       ICS: C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 110 OF 408  USPATFULL on STN ***
***AN     2003:238383  USPATFULL***
***TI     83 human secreted proteins***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Feng, Ping, Germantown, MD, UNITED STATES***
***       LaFleur, David W., Washington, DC, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       Kyaw, Hla, Frederick, MD, UNITED STATES***
***       Li, Yi, Sunnyvale, CA, UNITED STATES***
***       Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
***       Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***       Endress, Gregory A., Florence, MA, UNITED STATES***
***       Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***       Fan, Ping, Potomac, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 24088***
***INCL   INCLM: 514/012.000***
***       INCLS: 536/023.500; 435/320.100; 435/252.300; 435/325.000; 435/254.:
***              435/069.100; 530/350.000; 435/006.000; 435/007.100***
***NCL    NCLM:  514/012.000***
***       NCLS:  536/023.500; 435/320.100; 435/252.300; 435/325.000; 435/254.:
***              435/069.100; 530/350.000; 435/006.000; 435/007.100***
***IC     [7]***
***       ICM: C07K017-00***
***       ICS: C07K014-00; C07K001-00; C12N005-02; C12N005-00; C12N015-74;***
***       C12N015-70; C12N015-63; C12N015-09; C12N015-00; C12N001-18; C12N001-
***       C12N001-14; C12Q001-68; G01N033-53; A61K038-00; C07H021-04; C12P021-
***       C12N001-20***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 111 OF 408  USPATFULL on STN ***
***AN     2003:237907  USPATFULL***
***TI     Compositions and methods for the therapy and diagnosis of colon can
***IN     King, Gordon E., Shoreline, WA, UNITED STATES***
***       Meagher, Madeleine Joy, Seattle, WA, UNITED STATES***
***       Xu, Jiangchun, Bellevue, WA, UNITED STATES***
***       Secrist, Heather, Seattle, WA, UNITED STATES***
***       Jiang, Yuqiu, Kent, WA, UNITED STATES***
***PA     Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporat
***PI     US 2003166064      A1   20030904***
***AI     US 2002-99926      A1   20020314 (10)***
***RLI    Continuation-in-part of Ser. No. US 2001-33528, filed on 26 Dec 200:
***       PENDING Continuation-in-part of Ser. No. US 2001-920300, filed on 3:
***       2001, PENDING***
***PRAI   US 2001-302051P     20010629 (60)***
***       US 2001-279763P     20010328 (60)***
***       US 2000-223283P     20000803 (60)***
```

```
***FS      APPLICATION***
***LN.CNT 8531***
***INCL    INCLM: 435/069.100***
***        INCLS: 536/023.100***
***NCL     NCLM:  435/069.100***
***        NCLS:  536/023.100***
***IC      [7]***
***        ICM: C07H021-02***
***        ICS: C07H021-04; C12P021-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 112 OF 408  USPATFULL on STN ***
***AN      2003:237321  USPATFULL***
***TI      Stabilized synthetic immunogen delivery system***
***IN      Sokoll, Kenneth K., Stony Brook, NY, UNITED STATES***
***PI      US 2003165478       A1   20030904***
***AI      US 2002-76674       A1   20020214 (10)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2930***
***INCL    INCLM: 424/093.210***
***        INCLS: 514/007.000; 530/395.000***
***NCL     NCLM:  424/093.210***
***        NCLS:  514/007.000; 530/395.000***
***IC      [7]***
***        ICM: A61K048-00***
***        ICS: C07K014-195***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 113 OF 408  USPATFULL on STN ***
***AN      2003:225696  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Ruben, Steven M., Brookeville, MD, UNITED STATES***
***PI      US 2003157508       A1   20030821***
***AI      US 2002-207175      A1   20020730 (10)***
***RLI     Continuation-in-part of Ser. No. WO 2001-US1395, filed on 17 Jan 20(
***        PENDING***
***PRAI    US 2000-179065P      20000131 (60)***
***        US 2000-180628P      20000204 (60)***
***        US 2000-186350P      20000302 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 17970***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.1
***               530/350.000***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.1
***               530/350.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 114 OF 408  USPATFULL on STN ***
***AN      2003:225306  USPATFULL***
***TI      Novel method for down-regulation of amyloid***
***IN      Rasmussen, Peter Birk, Horsholm, DENMARK***
***        Jensen, Martin Roland, Horsholm, DENMARK***
***        Nielsen, Klaus Gregorius, Horsholm, DENMARK***
***        Koefoed, Peter, Horsholm, DENMARK***
***        Degan, Florence Dal, Horsholm, DENMARK***
***PI      US 2003157117       A1   20030821***
***AI      US 2002-223809      A1   20020820 (10)***
***PRAI    DK 2001-1231         20010820***
***        DK 2002-58           20020416***
***        US 2001-337543P      20011022 (60)***
***        US 2002-373027P      20020416 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 3681***
***INCL    INCLM: 424/185.100***
***        INCLS: 435/226.000***
***NCL     NCLM:  424/185.100***
```

```
***IC     [7]***
***       ICM: A61K039-00***
***       ICS: C12N009-64***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 115 OF 408  USPATFULL on STN ***
***AN     2003:220208  USPATFULL***
***TI     Human tumor necrosis factor receptor-like proteins TR11, TR11SV1, a
***       TR11SV2***
***IN     Ni, Jian, Germantown, MD, UNITED STATES***
***       Ruben, Steven M., Brookeville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003153499      A1   20030814***
***AI     US 2002-277966     A1   20021023 (10)***
***RLI    Division of Ser. No. US 2000-512363, filed on 23 Feb 2000, GRANTED,
***       No. US 6503184 Division of Ser. No. US 1998-176200, filed on 21 Oct
***       1998, PENDING***
***PRAI   US 1999-121648P     19990224 (60)***
***       US 1999-134172P     19990513 (60)***
***       US 1999-144076P     19990716 (60)***
***       US 1997-63212P      19971021 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 11222***
***INCL   INCLM: 514/012.000***
***       INCLS: 530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.
***NCL    NCLM:  514/012.000***
***       NCLS:  530/350.000; 536/023.500; 435/069.100; 435/320.100; 435/325.
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: C07K014-715; C12P021-02; C12N005-06; C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 116 OF 408  USPATFULL on STN ***
***AN     2003:219631  USPATFULL***
***TI     Full-length human cDNAs encoding potentially secreted proteins***
***IN     Dumas Milne Edwards, Jean-Baptiste, Paris, FRANCE***
***       Bougueleret, Lydie, Petit Lancy, SWITZERLAND***
***       Jobert, Severin, Paris, FRANCE***
***PI     US 2003152921      A1   20030814***
***AI     US 2001-876997     A1   20010608 (9)***
***RLI    Continuation-in-part of Ser. No. US 2000-731872, filed on 7 Dec 200
***       PENDING***
***PRAI   US 1999-169629P     19991208 (60)***
***       US 2000-187470P     20000306 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 27600***
***INCL   INCLM: 435/006.000***
***       INCLS: 435/183.000; 536/023.200***
***NCL    NCLM:  435/006.000***
***       NCLS:  435/183.000; 536/023.200***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C12N009-00; C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 117 OF 408  USPATFULL on STN ***
***AN     2003:213657  USPATFULL***
***TI     Expression profiles and methods of use***
***IN     Wan, Jackson Shek-Lam, San Diego, CA, UNITED STATES***
***       Wang, Yixin, San Diego, CA, UNITED STATES***
***PI     US 2003148295      A1   20030807***
***AI     US 2002-101510     A1   20020320 (10)***
***PRAI   US 2001-276947P     20010320 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 7505***
***INCL   INCLM: 435/006.000***
***       INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.
***NCL    NCLM:  435/006.000***
***       NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
```

*** ***
***L4 ANSWER 118 OF 408 USPATFULL on STN ***
AN 2003:200896 USPATFULL
TI Novel co-stimulatory molecules
IN Punnonen, Juha, Belmont, CA, UNITED STATES
*** Lazetic, Alexandra, San Jose, CA, UNITED STATES***
*** Leong, Steven R., Berkeley, CA, UNITED STATES***
*** Chang, Chia-Chun, Los Gatos, CA, UNITED STATES***
*** Apt, Doris, Sunnyvale, CA, UNITED STATES***
*** Gustafsson, Claes, Belmont, CA, UNITED STATES***
***PA Maxygen, Inc., Redwood City, CA, UNITED STATES, 94063 (U.S. corporat
PI US 2003138881 A1 20030724
AI US 2001-32214 A1 20011220 (10)
***RLI Continuation-in-part of Ser. No. US 2001-888324, filed on 22 Jun 20(
*** PENDING Continuation-in-part of Ser. No. WO 2001-US19973, filed on :
*** Jun 2001, UNKNOWN***
PRAI US 2000-213946P 20000623 (60)
*** US 2000-241245P 20001017 (60)***
DT Utility
FS APPLICATION
LN.CNT 16623
INCL INCLM: 435/069.100
*** INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500***
NCL NCLM: 435/069.100
*** NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500***
IC [7]
*** ICM: C07K014-705***
*** ICS: C12P021-02; C12N005-06; C07H021-04***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 119 OF 408 USPATFULL on STN ***
AN 2003:200443 USPATFULL
***TI Human tumor necrosis factor receptor-like proteins TR11, TR11SV1, a
*** TR11SV2***
IN Ni, Jian, Germantown, MD, UNITED STATES
*** Ruben, Steven M., Brookville, MD, UNITED STATES***
***PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
*** corporation)***
PI US 2003138426 A1 20030724
AI US 2002-283105 A1 20021030 (10)
***RLI Continuation-in-part of Ser. No. US 2001-915593, filed on 27 Jul 20(
*** PENDING Continuation-in-part of Ser. No. US 2000-512363, filed on 2
*** 2000, GRANTED, Pat. No. US 6503184 Continuation-in-part of Ser. No.
*** 1998-176200, filed on 21 Oct 1998, GRANTED, Pat. No. US 6509173***
PRAI US 2001-330757P 20011030 (60)
*** US 2000-221577P 20000728 (60)***
*** US 1999-144076P 19990716 (60)***
*** US 1999-134172P 19990513 (60)***
*** US 1999-121648P 19990224 (60)***
*** US 1997-63212P 19971021 (60)***
DT Utility
FS APPLICATION
LN.CNT 12581
INCL INCLM: 424/146.100
*** INCLS: 435/007.200; 530/388.260***
NCL NCLM: 424/146.100
*** NCLS: 435/007.200; 530/388.260***
IC [7]
*** ICM: A61K039-395***
*** ICS: G01N033-53; G01N033-567; C07K016-40***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 120 OF 408 USPATFULL on STN ***
AN 2003:187895 USPATFULL
TI 12 human secreted proteins
IN Ni, Jian, Germantown, MD, UNITED STATES
*** Young, Paul E., Gaithersburg, MD, UNITED STATES***
*** Kenny, Joseph J., Damascus, MD, UNITED STATES***
*** Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
*** Moore, Paul A., Germantown, MD, UNITED STATES***
*** Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
*** Greene, John M., Gaithersburg, MD, UNITED STATES***
*** Ruben, Steven M., Olney, MD, UNITED STATES***
PI US 2003129685 A1 20030710
AI US 2001-836353 A1 20010418 (9)

```
***       UNKNOWN***
***PRAI   US 1998-105971P     19981028 (60)***
***       US 2000-198407P     20000419 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 31945***
***INCL   INCLM: 435/069.100***
***       INCLS: 435/183.000; 435/455.000; 435/325.000; 435/320.100; 536/023.1
***              530/388.100***
***NCL    NCLM:  435/069.100***
***       NCLS:  435/183.000; 435/455.000; 435/325.000; 435/320.100; 536/023.1
***              530/388.100***
***IC     [7]***
***       ICM: C12P021-02***
***       ICS: C12N005-06; C07H021-04; C12N009-00; C07K014-435; C07K016-40***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 121 OF 408  USPATFULL on STN ***
***AN     2003:181503  USPATFULL***
***TI     Hydrohalide salts of an HIV protease inhibitor***
***IN     Fleitz, Fred J., Franklin Park, NJ, UNITED STATES***
***       Petrillo, Daniel E., Hoboken, NJ, UNITED STATES***
***       Wang, Yaling, Westfield, NJ, UNITED STATES***
***       Ferlita, Russell R., Milltown, NJ, UNITED STATES***
***       Dubost, David C., Collegeville, PA, UNITED STATES***
***       Armstrong, Joseph D., III, Westfield, NJ, UNITED STATES***
***PI     US 2003125336      A1   20030703***
***AI     US 2002-158630     A1   20020530 (10)***
***PRAI   US 2001-294372P     20010530 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 1996***
***INCL   INCLM: 514/253.100***
***       INCLS: 544/360.000***
***NCL    NCLM:  514/253.100***
***       NCLS:  544/360.000***
***IC     [7]***
***       ICM: A61K031-496***
***       ICS: C07D413-14***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 122 OF 408  USPATFULL on STN ***
***AN     2003:166788  USPATFULL***
***TI     Human cystatin F***
***IN     Li, Haodong, Gaithersburg, MD, UNITED STATES***
***       Yu, Guo-Liang, Darnestown, MD, UNITED STATES***
***       Gentz, Reiner L., Silver Spring, MD, UNITED STATES***
***       Ni, Jian, Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003114646      A1   20030619***
***AI     US 2002-329428     A1   20021227 (10)***
***RLI    Division of Ser. No. US 2000-528436, filed on 17 Mar 2000, PENDING*
***       Division of Ser. No. US 1998-19485, filed on 29 Jan 1998, GRANTED, I
***       No. US 6066617 Continuation-in-part of Ser. No. US 1997-832535, file
***       3 Apr 1997, GRANTED, Pat. No. US 5919658***
***PRAI   US 1996-14795P      19960403 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 2730***
***INCL   INCLM: 530/388.150***
***       INCLS: 530/350.000; 435/069.100; 435/320.100; 435/325.000; 424/130.1
***              514/012.000; 536/023.500***
***NCL    NCLM:  530/388.150***
***       NCLS:  530/350.000; 435/069.100; 435/320.100; 435/325.000; 424/130.1
***              514/012.000; 536/023.500***
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: C07H021-04; A61K039-395; C12P021-02; C12N005-06; C07K014-47***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 123 OF 408  USPATFULL on STN ***
***AN     2003:165984  USPATFULL***
***TI     25 human secreted proteins***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ni, Jian, Germantown, MD, UNITED STATES***
```

```
***        Fiscella, Michele, Bethesda, MD, UNITED STATES***
***        Wei, Ping, Brookeville, MD, UNITED STATES***
***        Baker, Kevin P., Darnestown, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Komatsoulis, George A., Silver Spring, MD, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003113840       A1   20030619***
***AI      US 2002-60255       A1   20020201 (10)***
***RLI     Continuation of Ser. No. US 2001-781417, filed on 13 Feb 2001, ABANI
***        Continuation-in-part of Ser. No. WO 2000-US22325, filed on 16 Aug 2(
***        PENDING***
***PRAI    US 1999-149182P     19990817 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 20339***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.1
***NCL     NCLM:  435/069.100***
***        NCLS:  435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.1
***IC      [7]***
***        ICM: C12N009-00***
***        ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 124 OF 408  USPATFULL on STN ***
***AN      2003:160075  USPATFULL***
***TI      Colon and colon cancer associated polynucleotides and polypeptides*
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steve C., Rockville, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003109690       A1   20030612***
***AI      US 2002-106698      A1   20020327 (10)***
***RLI     Continuation-in-part of Ser. No. WO 2000-US26524, filed on 28 Sep 2(
***        PENDING***
***PRAI    US 1999-157137P     19990929 (60)***
***        US 1999-163280P     19991103 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 17981***
***INCL    INCLM: 536/023.100***
***NCL     NCLM:  536/023.100***
***IC      [7]***
***        ICM: C07H021-02***
***        ICS: C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 125 OF 408  USPATFULL on STN ***
***AN      2003:159819  USPATFULL***
***TI      Compositions and methods for the therapy and diagnosis of kidney ca
***IN      Algate, Paul A., Issaquah, WA, UNITED STATES***
***        Mannion, Jane, Edmonds, WA, UNITED STATES***
***        Gaiger, Alexander, Seattle, WA, UNITED STATES***
***        Gordon, Brian, Seattle, WA, UNITED STATES***
***        Harlocker, Susan L., Seattle, WA, UNITED STATES***
***PA      Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporat
***PI      US 2003109434       A1   20030612***
***AI      US 2002-102524      A1   20020319 (10)***
***PRAI    US 2001-343340P      20011221 (60)***
***        US 2001-277245P      20010319 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 8067***
***INCL    INCLM: 514/012.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.(
***               536/023.100***
***NCL     NCLM:  514/012.000***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.(
***               536/023.100***
```

```
***       ICM: A61K038-17***
***       ICS: C12P021-02; C12N005-06; C07K014-435; C12N009-00; C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 126 OF 408  USPATFULL on STN ***
***AN     2003:159294  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***       corporation)***
***PI     US 2003108907      A1   20030612***
***AI     US 2002-205428     A1   20020726 (10)***
***RLI    Continuation of Ser. No. US 2001-764892, filed on 17 Jan 2001, PEND

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 25967***
***INCL   INCLM: 435/006.000***
***       INCLS: 435/007.230; 435/069.300; 435/183.000; 435/320.100; 435/325.(
***              536/023.200***
***NCL    NCLM:  435/006.000***
***       NCLS:  435/007.230; 435/069.300; 435/183.000; 435/320.100; 435/325.(
***              536/023.200***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: G01N033-574; C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 127 OF 408  USPATFULL on STN ***
***AN     2003:158936  USPATFULL***
***TI     Methods and compositions for modulating interleukin-21 receptor act:
***IN     Carter, Laura, Medford, MA, UNITED STATES***
***       Carreno, Beatriz, Acton, MA, UNITED STATES***
***       Lowe, Leslie D., Sudbury, MA, UNITED STATES***
***       Whitters, Matthew J., Hudson, MA, UNITED STATES***
***       Dunussi, Kyri, Belmont, MA, UNITED STATES***
***       Collins, Mary, Natick, MA, UNITED STATES***
***       Ma, Margery, Roxbury, MA, UNITED STATES***
***       Young, Deborah A., Melrose, MA, UNITED STATES***
***       Witek, JoAnn S., Acton, MA, UNITED STATES***
***       Larsen, Glenn, Sudbury, MA, UNITED STATES***
***       Kasaian, Marion T., Charlestown, MA, UNITED STATES***
***       Donaldson, Debra D., Medford, MA, UNITED STATES***
***       Unger, Michelle, Chapel Hill, NC, UNITED STATES***
***PA     Wyeth, Madison, NJ (U.S. corporation)***
***PI     US 2003108549      A1   20030612***
***AI     US 2002-264634     A1   20021004 (10)***
***RLI    Continuation-in-part of Ser. No. US 2001-972218, filed on 4 Oct 200:
***       PENDING Continuation-in-part of Ser. No. US 2000-569384, filed on 1:
***       2000, PENDING Continuation-in-part of Ser. No. US 2000-560766, filed
***       28 Apr 2000, ABANDONED Continuation of Ser. No. US 1998-40005, filed
***       17 Mar 1998, GRANTED, Pat. No. US 6057128***
***PRAI   US 2002-373746P     20020417 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 4944***
***INCL   INCLM: 424/145.100***
***       INCLS: 514/251.000; 514/291.000; 514/406.000***
***NCL    NCLM:  424/145.100***
***       NCLS:  514/251.000; 514/291.000; 514/406.000***
***IC     [7]***
***       ICM: A61K039-395***
***       ICS: A61K031-525; A61K031-4745; A61K031-415***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 128 OF 408  USPATFULL on STN ***
***AN     2003:153434  USPATFULL***
***TI     Oxo-substituted compounds, process of making, and compositions and*:
***       methods for inhibiting PARP activity***
***IN     Li, Jia-He, Cockeysville, MD, UNITED STATES***
***       Tays, Kevin Leonard, Elkridge, MD, UNITED STATES***
***       Zhang, Jie, Ellicott City, MD, UNITED STATES***
***PA     Guilford Pharmaceuticals Inc. (U.S. corporation)***
```

```
***AI      US 2002-109730      A1   20020401 (10)***
***RLI     Continuation of Ser. No. US 1998-145180, filed on 1 Sep 1998, PENDI
***        Continuation-in-part of Ser. No. US 1998-79509, filed on 15 May 199
***        ABANDONED Continuation-in-part of Ser. No. US 1997-922520, filed on
***        Sep 1997, ABANDONED***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 3754***
***INCL    INCLM: 514/248.000***
***        INCLS: 514/252.170; 514/252.160; 514/266.200; 514/266.220; 514/266.
***               514/253.050; 514/309.000; 544/284.000; 544/363.000; 546/141.
***               544/235.000***
***NCL     NCLM:  514/248.000***
***        NCLS:  514/252.170; 514/252.160; 514/266.200; 514/266.220; 514/266.
***               514/253.050; 514/309.000; 544/284.000; 544/363.000; 546/141.
***               544/235.000***
***IC      [7]***
***        ICM: A61K031-502***
***        ICS: A61K031-517; A61K031-519; A61K031-496; C07D043-02***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 129 OF 408  USPATFULL on STN ***
***AN      2003:146328  USPATFULL***
***TI      Methods and compositions for treating metabolic bone diseases relat
***        to human endokine alpha***
***IN      Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, CA, UNITED STATES***
***        Nardelli, Bernardetta, UNITED STATES***
***PI      US 2003100074       A1   20030529***
***AI      US 2002-218547      A1   20020815 (10)***
***PRAI    US 2001-312542P      20010816 (60)***
***        US 2001-330761P      20011030 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 12087***
***INCL    INCLM: 435/069.500***
***        INCLS: 435/320.100; 435/325.000; 530/351.000; 536/023.500***
***NCL     NCLM:  435/069.500***
***        NCLS:  435/320.100; 435/325.000; 530/351.000; 536/023.500***
***IC      [7]***
***        ICM: C07K014-52***
***        ICS: C07H021-04; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 130 OF 408  USPATFULL on STN ***
***AN      2003:146312  USPATFULL***
***TI      Human G-protein Chemokine Receptor (CCR5) HDGNR10***
***IN      Roschke, Viktor, Rockville, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc. (U.S. corporation)***
***PI      US 2003100058       A1   20030529***
***AI      US 2002-67800       A1   20020208 (10)***
***RLI     Continuation-in-part of Ser. No. WO 2001-US4153, filed on 9 Feb 200
***        UNKNOWN Continuation-in-part of Ser. No. US 2001-779880, filed on 9
***        2001, PENDING***
***PRAI    US 2001-297257P      20010612 (60)***
***        US 2001-310458P      20010808 (60)***
***        US 2001-328447P      20011012 (60)***
***        US 2001-341725P      20011221 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 18955***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/326.000; 435/320.100; 530/388.800; 536/023.530***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/326.000; 435/320.100; 530/388.800; 536/023.530***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C07H021-04; C12N005-06; C07K016-30***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 131 OF 408  USPATFULL on STN ***
***AN      2003:146305  USPATFULL***
```

```
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Florence, Kimberly A., Rockville, MD, UNITED STATES***
***       Ni, Jian, Germantown, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       Young, Paul E., Gaithersburg, MD, UNITED STATES***
***       Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***       Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***       Soppet, Daniel R., Centreville, VA, UNITED STATES***
***       LaFleur, David W., Washington, DC, UNITED STATES***
***       Endress, Gregory A., Florence, MA, UNITED STATES***
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***       Birse, Charles E., North Potomac, MD, UNITED STATES***
***PI     US 2003100051      A1   20030529***
***AI     US 2001-948783     A1   20010910 (9)***
***RLI    Continuation-in-part of Ser. No. US 2001-892877, filed on 28 Jun 20(
***       PENDING Continuation of Ser. No. US 1999-437658, filed on 10 Nov 19
***       ABANDONED Continuation-in-part of Ser. No. WO 1999-US9847, filed on
***       May 1999, UNKNOWN***
***PRAI   US 2000-231846P     20000911 (60)***
***       US 1998-85093P     19980512 (60)***
***       US 1998-85094P     19980512 (60)***
***       US 1998-85105P     19980512 (60)***
***       US 1998-85180P     19980512 (60)***
***       US 1998-85927P     19980518 (60)***
***       US 1998-85906P     19980518 (60)***
***       US 1998-85920P     19980518 (60)***
***       US 1998-85924P     19980518 (60)***
***       US 1998-85922P     19980518 (60)***
***       US 1998-85923P     19980518 (60)***
***       US 1998-85921P     19980518 (60)***
***       US 1998-85925P     19980518 (60)***
***       US 1998-85928P     19980518 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 32767***
***INCL   INCLM: 435/069.100***
***       INCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.
***NCL    NCLM:  435/069.100***
***       NCLS:  435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.
***IC     [7]***
***       ICM: C12P021-02***
***       ICS: C12N005-06; C07H021-04; C12N009-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 132 OF 408  USPATFULL on STN ***
***AN     2003:145924  USPATFULL***
***TI     Packaging of immunostimulatory substances into virus-like particles
***       method of preparation and use***
***IN     Bachmann, Martin, Winterthur, SWITZERLAND***
***       Storni, Tazio, Viganello, SWITZERLAND***
***       Maurer, Patrik, Winterthur, SWITZERLAND***
***       Tissot, Alain, Zurich, SWITZERLAND***
***       Schwarz, Katrin, Schlieren, SWITZERLAND***
***       Meijerink, Edwin, Zurich, SWITZERLAND***
***       Lipowsky, Gerd, Zurich, SWITZERLAND***
***       Pumpens, Paul, Riga, LATVIA***
***       Cielens, Indulis, Riga, LATVIA***
***       Renhofa, Regina, Riga, LATVIA***
***PA     Cytos Biotechnology AG (non-U.S. corporation)***
***PI     US 2003099668      A1   20030529***
***AI     US 2002-244065     A1   20020916 (10)***
***PRAI   US 2001-318994P     20010914 (60)***
***       US 2002-374145P     20020422 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 7907***
***INCL   INCLM: 424/204.100***
***       INCLS: 514/042.000; 514/012.000; 514/054.000; 514/008.000; 514/044.(
***              514/292.000***
***NCL    NCLM:  424/204.100***
***       NCLS:  514/042.000; 514/012.000; 514/054.000; 514/008.000; 514/044.(
```

IC [7]
*** ICM: A61K039-12***
*** ICS: A61K038-17; A61K038-14; A61K048-00; A61K031-739; A61K031-4745*:
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 133 OF 408 USPATFULL on STN ***
AN 2003:145900 USPATFULL
TI CD40 ligand and CD40 agonist compositions and methods of use
IN Ahuja, Seema A., San Antonio, TX, UNITED STATES
*** Bonewald, Lynda F., San Antonio, TX, UNITED STATES***
***PA Board of Regents, The University of Texas System (U.S. corporation):
PI US 2003099644 A1 20030529
AI US 2002-242212 A1 20020912 (10)
***RLI Division of Ser. No. US 2000-645926, filed on 24 Aug 2000, GRANTED,
*** No. US 6482411***
PRAI US 1999-151250P 19990827 (60)
DT Utility
FS APPLICATION
LN.CNT 5263
INCL INCLM: 424/144.100
*** INCLS: 514/012.000***
NCL NCLM: 424/144.100
*** NCLS: 514/012.000***
IC [7]
*** ICM: A61K039-395***
*** ICS: A61K038-17***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 134 OF 408 USPATFULL on STN ***
AN 2003:140563 USPATFULL
***TI Lymphoid tissue-specific cell production from hematopoietic progeni
*** cells in three-dimensional devices***
IN Pykett, Mark J., Boxford, MA, UNITED STATES
*** Rosenzweig, Michael, Boston, MA, UNITED STATES***
*** Scadden, David T., Weston, MA, UNITED STATES***
*** Poznansky, Mark C., Charlestown, MA, UNITED STATES***
PI US 2003096404 A1 20030522
AI US 2002-161097 A1 20020531 (10)
***RLI Division of Ser. No. US 2000-574749, filed on 18 May 2000, PENDING*:
*** Continuation-in-part of Ser. No. WO 1999-US26795, filed on 12 Nov 1:
*** PENDING***
PRAI US 1998-107972P 19981112 (60)
DT Utility
FS APPLICATION
LN.CNT 2680
INCL INCLM: 435/366.000
NCL NCLM: 435/366.000
IC [7]
*** ICM: C12N005-08***
*** ***
***L4 ANSWER 135 OF 408 USPATFULL on STN ***
AN 2003:140505 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
*** Ruben, Steven M., Olney, MD, UNITED STATES***
*** Barash, Steven C., Rockville, MD, UNITED STATES***
***PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
*** corporation)***
PI US 2003096346 A1 20030522
AI US 2002-73885 A1 20020214 (10)
***RLI Continuation of Ser. No. US 2001-764852, filed on 17 Jan 2001, ABANI

FS APPLICATION
LN.CNT 20722
INCL INCLM: 435/069.100
*** INCLS: 435/183.000; 435/320.100; 435/325.000; 536/023.200***
NCL NCLM: 435/069.100
*** NCLS: 435/183.000; 435/320.100; 435/325.000; 536/023.200***
IC [7]
*** ICM: C12P021-02***
*** ICS: C12N005-06; C07H021-04; C12N009-00***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 136 OF 408 USPATFULL on STN ***
AN 2003:134804 USPATFULL

```
***IN      Young, Paul, Gaithersburg, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Florence, Charles, Rockville, MD, UNITED STATES***
***        Florence, Kimberly, Rockville, MD, UNITED STATES***
***        Lafleur, David W., Washington, DC, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Fan, Ping, Potomac, MD, UNITED STATES***
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***        Fischer, Carrie L., Burke, VA, UNITED STATES***
***        Soppet, Daniel R., Centerville, VA, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***        Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Feng, Ping, Gaithersburg, MD, UNITED STATES***
***        Dillon, Patrick J., Carlsbad, CA, UNITED STATES***
***        Endress, Gregory A., Florence, MA, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003092893       A1   20030515***
***AI      US 2001-23282       A1   20011220 (10)***
***RLI     Division of Ser. No. US 1998-205258, filed on 4 Dec 1998, PENDING**:
***        Continuation-in-part of Ser. No. WO 1998-US11422, filed on 4 Jun 19:
***        PENDING***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 17991***
***INCL    INCLM: 530/388.100***
***NCL     NCLM:  530/388.100***
***IC      [7]***
***        ICM: C07K016-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 137 OF 408  USPATFULL on STN ***
***AN      2003:134527  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***        corporation)***
***PI      US 2003092615       A1   20030515***
***AI      US 2002-115928      A1   20020405 (10)***
***RLI     Continuation of Ser. No. US 2001-764861, filed on 17 Jan 2001, PEND:

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 21689***
***INCL    INCLM: 514/012.000***
***        INCLS: 435/006.000; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***               536/023.200***
***NCL     NCLM:  514/012.000***
***        NCLS:  435/006.000; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***               536/023.200***
***IC      [7]***
***        ICM: A61K038-17***
***        ICS: C12Q001-68; C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 138 OF 408  USPATFULL on STN ***
***AN      2003:134017  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
```

```
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***        corporation)***
***PI      US 2003092102       A1   20030515***
***AI      US 2002-74045       A1   20020214 (10)***
***RLI     Continuation of Ser. No. US 2001-764866, filed on 17 Jan 2001, ABANI

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 23217***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/183.000; 435/320.100; 435/325.000; 536/023.200***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/183.000; 435/320.100; 435/325.000; 536/023.200***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12N005-06; C07H021-04; C12N009-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 139 OF 408  USPATFULL on STN ***
***AN      2003:133508  USPATFULL***
***TI      In vivo activation of antigen presenting cells for enhancement of ir
***        responses induced by virus like particles***
***IN      Bachmann, Martin F., Winterthur, SWITZERLAND***
***        Lechner, Franziska, Zurich, SWITZERLAND***
***        Storni, Tazio, Viganello, SWITZERLAND***
***PA      Cytos Biotechnology AG (non-U.S. corporation)***
***PI      US 2003091593       A1   20030515***
***AI      US 2002-243739      A1   20020916 (10)***
***PRAI    US 2001-318967P      20010914 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 6522***
***INCL    INCLM: 424/204.100***
***        INCLS: 424/186.100; 424/093.200***
***NCL     NCLM:  424/204.100***
***        NCLS:  424/186.100; 424/093.200***
***IC      [7]***
***        ICM: A61K048-00***
***        ICS: A61K039-12***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 140 OF 408  USPATFULL on STN ***
***AN      2003:127863  USPATFULL***
***TI      125 HUMAN SECRETED PROTEINS***
***IN      RUBEN, STEVEN M., OLNEY, MD, UNITED STATES***
***        ROSEN, CRAIG A., LAYTONSVILLE, MD, UNITED STATES***
***        SHI, YANGGU, GAITHERSBURG, MD, UNITED STATES***
***PI      US 2003088078       A1   20030508***
***AI      US 1999-305736      A1   19990505 (9)***
***RLI     A 371 of International Ser. No. WO 1998-US23435, filed on 4 Nov 199
***        UNKNOWN***
***PRAI    US 1997-64911P       19971107 (60)***
***        US 1997-64912P       19971107 (60)***
***        US 1997-64983P       19971107 (60)***
***        US 1997-64900P       19971107 (60)***
***        US 1997-64988P       19971107 (60)***
***        US 1997-64987P       19971107 (60)***
***        US 1997-64908P       19971107 (60)***
***        US 1997-64984P       19971107 (60)***
***        US 1997-64985P       19971107 (60)***
***        US 1997-66094P       19971117 (60)***
***        US 1997-66100P       19971117 (60)***
***        US 1997-66089P       19971117 (60)***
***        US 1997-66095P       19971117 (60)***
***        US 1997-66090P       19971117 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 22048***
***INCL    INCLM: 536/023.100***
***        INCLS: 530/350.000; 435/006.000; 435/007.100; 530/387.100***
***NCL     NCLM:  536/023.100***
***        NCLS:  530/350.000; 435/006.000; 435/007.100; 530/387.100***
***IC      [7]***
***        ICM: C07H021-00***
***        ICS: C07K001-00; C12Q001-68; G01N033-53; C07K016-00***
```

```
*** ***
***L4    ANSWER 141 OF 408  USPATFULL on STN ***
***AN      2003:127603  USPATFULL***
***TI      Compositions and methods for the therapy and diagnosis of colon can
***IN      Jiang, Yuqiu, Kent, WA, UNITED STATES***
***        Chenault, Ruth A., Seattle, WA, UNITED STATES***
***        Xu, Jiangchun, Bellevue, WA, UNITED STATES***
***        Indirias, Carol Yoseph, Seattle, WA, UNITED STATES***
***        Lodes, Michael J., Seattle, WA, UNITED STATES***
***        Secrist, Heather, Seattle, WA, UNITED STATES***
***        Carter, Darrick, Seattle, WA, UNITED STATES***
***        Fanger, Gary R., Mill Creek, WA, UNITED STATES***
***        Smith, Carole L., Seattle, WA, UNITED STATES***
***        Durham, Margarita, Seattle, WA, UNITED STATES***
***        Stolk, John A., Bothell, WA, UNITED STATES***
***PA      Corixa Corporation, Seattle, WA, UNITED STATES (U.S. corporation)**
***PI      US 2003087818       A1   20030508***
***AI      US 2002-66543       A1   20020201 (10)***
***PRAI    US 2001-313077P      20010816 (60)***
***        US 2001-290322P      20010511 (60)***
***        US 2001-267400P      20010202 (60)***
***        US 2001-305265P      20010712 (60)***
***        US 2001-267382P      20010207 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 8511***
***INCL    INCLM: 514/012.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.1
***NCL     NCLM:  514/012.000***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.1
***IC      [7]***
***        ICM: A61K038-17***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 142 OF 408  USPATFULL on STN ***
***AN      2003:127128  USPATFULL***
***TI      49 human secreted proteins***
***IN      Moore, Paul A., Germantown, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Endress, Gregory A., Potomac, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Komatsoulis, George, Silver Spring, MD, UNITED STATES***
***        Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***PI      US 2003087341       A1   20030508***
***AI      US 2002-54988       A1   20020125 (10)***
***RLI     Continuation of Ser. No. US 2001-904615, filed on 16 Jul 2001, PEND
***        Continuation of Ser. No. US 2000-739254, filed on 19 Dec 2000, ABAN
***        Continuation of Ser. No. US 2000-511554, filed on 23 Feb 2000, ABAN
***        Continuation-in-part of Ser. No. WO 1999-US19330, filed on 24 Aug 1
***        UNKNOWN***
***PRAI    US 1998-97917P       19980825 (60)***
***        US 1998-98634P       19980831 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 19398***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/320.100; 435/325.000; 435/183.000; 530/350.000; 536/023.1
***               435/006.000***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/320.100; 435/325.000; 435/183.000; 530/350.000; 536/023.1
***               435/006.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 143 OF 408  USPATFULL on STN ***
***AN      2003:120997  USPATFULL***
```

```
***IN     Birse, Charles E., North Potomac, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***       corporation)***
***PI     US 2003083481      A1   20030501***
***AI     US 2002-36542      A1   20020107 (10)***
***RLI    Continuation-in-part of Ser. No. WO 2000-US19666, filed on 20 Jul 2(
***       UNKNOWN***
***PRAI   US 1999-144972P     19990721 (60)***
***       US 1999-148681P     19990813 (60)***
***       US 1999-149173P     19990817 (60)***
***       US 1999-158004P     19991006 (60)***
***       US 2000-194689P     20000405 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 26241***
***INCL   INCLM: 536/023.100***
***NCL    NCLM:  536/023.100***
***IC     [7]***
***       ICM: C07H021-02***
***       ICS: C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 144 OF 408  USPATFULL on STN ***
***AN     2003:120277  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003082758      A1   20030501***
***AI     US 2002-103313     A1   20020322 (10)***
***RLI    Continuation of Ser. No. US 2001-764854, filed on 17 Jan 2001, ABANI

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 29207***
***INCL   INCLM: 435/183.000***
***       INCLS: 435/006.000; 435/069.100; 435/320.100; 435/325.000; 536/023.1
***NCL    NCLM:  435/183.000***
***       NCLS:  435/006.000; 435/069.100; 435/320.100; 435/325.000; 536/023.1
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 145 OF 408  USPATFULL on STN ***
***AN     2003:120200  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation)
***PI     US 2003082681      A1   20030501***
***AI     US 2002-91391      A1   20020307 (10)***
***RLI    Continuation of Ser. No. US 2001-764903, filed on 17 Jan 2001, PEND

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 21414***
***INCL   INCLM: 435/069.100***
***       INCLS: 435/183.000; 435/320.100; 435/325.000; 536/023.200***
***NCL    NCLM:  435/069.100***
***       NCLS:  435/183.000; 435/320.100; 435/325.000; 536/023.200***
***IC     [7]***
***       ICM: C07H021-04***
***       ICS: C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 146 OF 408  USPATFULL on STN ***
***AN     2003:113471  USPATFULL***
***TI     PHARMACEUTICAL COMPOSITIONS CONTAINING POLY(ADP-RIBOSE) GLYCOHYDROL
***       INHIBITORS AND METHODS OF USING THE SAME***
***IN     LI, JIA-HE, COCKEYSVILLE, MD, UNITED STATES***
***       ZHANG, JIE, ELLICOTT CITY, MD, UNITED STATES***
```

```
***AI     US 1998-182645     A1   19981030 (9)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 2750***
***INCL   INCLM: 514/022.000***
***       INCLS: 514/025.000***
***NCL    NCLM:  514/022.000***
***       NCLS:  514/025.000***
***IC     [7]***
***       ICM: A61K031-70***
***       ICS: A61K031-47***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 147 OF 408  USPATFULL on STN ***
***AN     2003:113462  USPATFULL***
***TI     Covalently reactive transition state analogs and methods of use the
***IN     Paul, Sudhir, Missouri City, TX, UNITED STATES***
***       Nishiyama, Yasuhiro, Houston, TX, UNITED STATES***
***PI     US 2003078203      A1   20030424***
***AI     US 2002-114716     A1   20020401 (10)***
***RLI    Continuation-in-part of Ser. No. US 2001-862849, filed on 22 May 20
***       PENDING Division of Ser. No. US 1998-46373, filed on 23 Mar 1998,**
***       GRANTED, Pat. No. US 6235714***
***PRAI   US 2001-280624P     20010331 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 2260***
***INCL   INCLM: 514/012.000***
***       INCLS: 530/350.000; 530/351.000; 424/085.100; 424/085.200; 424/189.
***              424/190.100***
***NCL    NCLM:  514/012.000***
***       NCLS:  530/350.000; 530/351.000; 424/085.100; 424/085.200; 424/189.
***              424/190.100***
***IC     [7]***
***       ICM: A61K039-29***
***       ICS: A61K039-02; A61K038-20; A61K038-19***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 148 OF 408  USPATFULL on STN ***
***AN     2003:113076  USPATFULL***
***TI     97 human secreted proteins***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Florence, Kimberly, Rockville, MD, UNITED STATES***
***       Ni, Jian, Rockville, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Olsen, Henrik, Gaithersburg, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       Young, Paul, Gaithersburg, MD, UNITED STATES***
***       Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***       Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***       Soppet, Daniel R., Centreville, CA, UNITED STATES***
***       LaFleur, David W., Washington, DC, UNITED STATES***
***       Endress, Gregory A., Potomac, MD, UNITED STATES***
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***PI     US 2003077809      A1   20030424***
***AI     US 2001-892877     A1   20010628 (9)***
***RLI    Continuation of Ser. No. US 1999-437658, filed on 10 Nov 1999, ABAN
***       Continuation-in-part of Ser. No. WO 1999-US9847, filed on 6 May 199
***       UNKNOWN***

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 59131***
***INCL   INCLM: 435/226.000***
***       INCLS: 435/325.000; 435/320.100; 435/069.100; 435/069.400; 530/399.
***              536/023.100***
***NCL    NCLM:  435/226.000***
***       NCLS:  435/325.000; 435/320.100; 435/069.100; 435/069.400; 530/399.
***              536/023.100***
***IC     [7]***
***       ICM: C12N009-64***
***       ICS: C07K014-575; C07H021-04; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
```

```
***L4   ANSWER 150 OF 408  USPATFULL on STN ***
***AN     2003:112971  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation)
***PI     US 2003077704      A1   20030424***
***AI     US 2002-74095      A1   20020214 (10)***
***RLI    Continuation of Ser. No. US 2001-764860, filed on 17 Jan 2001, ABANI

***FS     APPLICATION***
***LN.CNT 21987***
***INCL   INCLM: 435/069.100***
***       INCLS: 435/183.000; 435/320.100; 435/325.000; 536/023.200***
***NCL    NCLM:  435/069.100***
***       NCLS:  435/183.000; 435/320.100; 435/325.000; 536/023.200***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 151 OF 408  USPATFULL on STN ***
***AN     2003:112970  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***       corporation)***
***PI     US 2003077703      A1   20030424***
***AI     US 2002-73912      A1   20020214 (10)***
***RLI    Continuation of Ser. No. US 2001-764862, filed on 17 Jan 2001, PEND

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 17803***
***INCL   INCLM: 435/069.100***
***       INCLS: 435/183.000; 435/320.100; 435/325.000; 536/023.200***
***NCL    NCLM:  435/069.100***
***       NCLS:  435/183.000; 435/320.100; 435/325.000; 536/023.200***
***IC     [7]***
***       ICM: C12P021-02***
***       ICS: C12N005-06; C07H021-04; C12N009-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 152 OF 408  USPATFULL on STN ***
***AN     2003:112874  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003077606      A1   20030424***
***AI     US 2002-91438      A1   20020307 (10)***
***RLI    Continuation of Ser. No. US 2001-764879, filed on 17 Jan 2001, ABANI
*
***FS     APPLICATION***
***LN.CNT 21886***
***INCL   INCLM: 435/006.000***
***       INCLS: 435/069.100; 435/183.000; 435/325.000; 435/320.100; 536/023.1
***NCL    NCLM:  435/006.000***
***       NCLS:  435/069.100; 435/183.000; 435/325.000; 435/320.100; 536/023.1
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 153 OF 408  USPATFULL on STN ***
***AN     2003:112870  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
```

```
***AI      US 2002-73961       A1   20020214 (10)***
***RLI     Continuation of Ser. No. US 2001-764887, filed on 17 Jan 2001, ABANI

***FS      APPLICATION***
***LN.CNT 19799***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/007.230; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***               536/023.200***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/007.230; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***               536/023.200***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: G01N033-574; C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 154 OF 408  USPATFULL on STN ***
***AN      2003:112522  USPATFULL***
***TI      Agents and compositions and methods utilizing same useful in diagnos
***        and/or treating or preventing plaque forming***
***IN      Solomon, Beka, Herzlia Pituach, ISRAEL***
***        Hanan, Eilat, Tel Aviv, ISRAEL***
***        Frenkel, Dan, Rehovot, ISRAEL***
***PA      Ramot University Authority for Applied Research & Industrial***
***        Development, Tel Aviv, ISRAEL (non-U.S. corporation)***
***PI      US 2003077252       A1   20030424***
***AI      US 2002-162889      A1   20020606 (10)***
***RLI     Continuation of Ser. No. US 2000-629971, filed on 31 Jul 2000, ABANI
***        Continuation-in-part of Ser. No. US 1999-473653, filed on 29 Dec 19
***        PENDING***
***PRAI    US 1999-152417P     19990903 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2994***
***INCL    INCLM: 424/093.200***
***        INCLS: 514/044.000; 435/456.000; 435/235.100***
***NCL     NCLM:  424/093.200***
***        NCLS:  514/044.000; 435/456.000; 435/235.100***
***IC      [7]***
***        ICM: A61K048-00***
***        ICS: C12N007-01; C12N015-86***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 155 OF 408  USPATFULL on STN ***
***AN      2003:106233  USPATFULL***
***TI      Compositions and methods for the therapy and diagnosis of pancreatic
***        cancer***
***IN      Benson, Darin R., Seattle, WA, UNITED STATES***
***        Kalos, Michael D., Seattle, WA, UNITED STATES***
***        Lodes, Michael J., Seattle, WA, UNITED STATES***
***        Persing, David H., Redmond, WA, UNITED STATES***
***        Hepler, William T., Seattle, WA, UNITED STATES***
***        Jiang, Yuqiu, Kent, WA, UNITED STATES***
***PA      Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporat
***PI      US 2003073144       A1   20030417***
***AI      US 2002-60036       A1   20020130 (10)***
***PRAI    US 2001-333626P      20011127 (60)***
***        US 2001-305484P      20010712 (60)***
***        US 2001-265305P      20010130 (60)***
***        US 2001-267568P      20010209 (60)***
***        US 2001-313999P      20010820 (60)***
***        US 2001-291631P      20010516 (60)***
***        US 2001-287112P      20010428 (60)***
***        US 2001-278651P      20010321 (60)***
***        US 2001-265682P      20010131 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 14253***
***INCL    INCLM: 435/007.230***
***        INCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.1
***NCL     NCLM:  435/007.230***
***        NCLS:  435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.1
***IC      [7]***
***        ICM: G01N033-574***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
```

```
*** ***
***L4   ANSWER 156 OF 408  USPATFULL on STN ***
***AN     2003:100295  USPATFULL***
***TI     87 human secreted proteins***
***IN     Young, Paul, Gaithersburg, MD, UNITED STATES***
***       Greene, John M., Gaithersburg, MD, UNITED STATES***
***       Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Duan, Roxanne, Gaithersburg, MD, UNITED STATES***
***       Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***       Florence, Kimberly, Rockville, MD, UNITED STATES***
***       Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***       Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       Lafleur, David W., Washington, DC, UNITED STATES***
***       Ni, Jian, Germantown, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***       corporation)***
***PI     US 2003069406      A1   20030410***
***AI     US 2002-143090     A1   20020513 (10)***
***RLI    Continuation of Ser. No. US 1998-154707, filed on 17 Sep 1998, PEND
***       Continuation-in-part of Ser. No. WO 1998-US5311, filed on 19 Mar 19

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 15137***
***INCL   INCLM: 536/023.200***
***       INCLS: 435/006.000; 435/183.000; 435/069.100; 435/325.000; 435/320.
***              530/350.000***
***NCL    NCLM:  536/023.200***
***       NCLS:  435/006.000; 435/183.000; 435/069.100; 435/325.000; 435/320.
***              530/350.000***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 157 OF 408  USPATFULL on STN ***
***AN     2003:100070  USPATFULL***
***TI     Compositions and methods for the therapy and diagnosis of colon can
***IN     Jiang, Yuqiu, Kent, WA, UNITED STATES***
***       Harlocker, Susan L., Seattle, WA, UNITED STATES***
***       Secrist, Heather, Seattle, WA, UNITED STATES***
***       Wang, Aijun, Issaquah, WA, UNITED STATES***
***       Stolk, John A., Bothell, WA, UNITED STATES***
***PA     Corixa Corporation, Seattle, WA (U.S. corporation)***
***PI     US 2003069180      A1   20030410***
***AI     US 2002-146502     A1   20020514 (10)***
***RLI    Continuation-in-part of Ser. No. US 2002-46935, filed on 15 Jan 200
***       PENDING Continuation-in-part of Ser. No. US 2001-878178, filed on 8
***       2001, PENDING***
***PRAI   US 2001-270216P     20010220 (60)***
***       US 2000-210899P     20000609 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 4141***
***INCL   INCLM: 514/012.000***
***       INCLS: 435/007.230; 435/069.300; 435/325.000; 435/320.100; 530/350.
***              536/023.200***
***NCL    NCLM:  514/012.000***
***       NCLS:  435/007.230; 435/069.300; 435/325.000; 435/320.100; 530/350.
***              536/023.200***
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: G01N033-574; C07H021-04; C12P021-02; C12N005-06; C07K014-435**
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 158 OF 408  USPATFULL on STN ***
***AN     2003:99221  USPATFULL***
***TI     Immunogenic peptide composition for the prevention and treatment of
***       Altzheimers Disease***
***IN     Wang, Chang Yi, Cold Spring Harbor, NY, UNITED STATES***
```

```
***AI      US 2001-865294      A1   20010525 (9)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2076***
***INCL    INCLM: 424/185.100***
***        INCLS: 435/226.000***
***NCL     NCLM:  424/185.100***
***        NCLS:  435/226.000***
***IC      [7]***
***        ICM: A61K039-00***
***        ICS: C12N009-64***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 159 OF 408  USPATFULL on STN ***
***AN      2003:93799  USPATFULL***
***TI      Secreted protein HEMAE80***
***IN      Young, Paul, Gaithersburg, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Florence, Charles, Rockville, MD, UNITED STATES***
***        Florence, Kimberly, Rockville, MD, UNITED STATES***
***        Lafleur, David W., Washington, DC, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Fan, Ping, Potomac, MD, UNITED STATES***
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***        Fischer, Carrie L., Burke, VA, UNITED STATES***
***        Soppet, Daniel R., Centerville, VA, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Zeng, Zhizhen, lansdale, PA, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***        Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Feng, Ping, Gaithersburg, MD, UNITED STATES***
***        Dillon, Patrick J., Carlsbad, CA, UNITED STATES***
***        Endress, Gregory A., Florence, MA, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003065160       A1   20030403***
***AI      US 2001-4860        A1   20011207 (10)***
***RLI     Division of Ser. No. US 1998-205258, filed on 4 Dec 1998, PENDING**:
***        Continuation-in-part of Ser. No. WO 1998-US11422, filed on 4 Jun 19:
***        PENDING***
*
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 17645***
***INCL    INCLM: 536/023.200***
***        INCLS: 435/183.000; 435/069.100; 435/325.000; 435/320.100; 424/094.:
***NCL     NCLM:  536/023.200***
***        NCLS:  435/183.000; 435/069.100; 435/325.000; 435/320.100; 424/094.:
***IC      [7]***
***        ICM: C12N009-00***
***        ICS: C07H021-04; C12P021-02; C12N005-06; A61K038-43***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 160 OF 408  USPATFULL on STN ***
***AN      2003:93778  USPATFULL***
***TI      SECRETED PROTEIN HMMBD35***
***IN      ROSEN, CRAIG A., LAYTONSVILLE, MD, UNITED STATES***
***        WEI, YING-FEI, BERKELEY, CA, UNITED STATES***
***PI      US 2003065139       A1   20030403***
***AI      US 1999-397945      A1   19990917 (9)***
***RLI     Continuation of Ser. No. WO 1999-US5804, filed on 18 Mar 1999, UNKN(

***FS      APPLICATION***
***LN.CNT 25027***
***INCL    INCLM: 530/350.000***
```

NCL NCLM: 530/350.000
*** NCLS: 435/069.100; 530/300.000***
IC [7]
*** ICM: C07K001-00***
*** ICS: A61K038-00; C12P021-06***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 161 OF 408 USPATFULL on STN ***
AN 2003:93053 USPATFULL
TI 123 human secreted proteins
IN Fischer, Carrie L., Burke, VA, UNITED STATES
*** Rosen, Craig A., Laytonsville, MD, UNITED STATES***
*** Soppet, Daniel R., Centreville, VA, UNITED STATES***
*** Ruben, Steven M., Olney, MD, UNITED STATES***
*** Kyaw, Hla, Frederick, MD, UNITED STATES***
*** Li, Yi, Sunnyvale, CA, UNITED STATES***
*** Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
*** LaFleur, David W., Washington, DC, UNITED STATES***
*** Moore, Paul A., Germantown, MD, UNITED STATES***
*** Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
*** Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
*** Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
*** Brewer, Laurie A., St. Paul, MN, UNITED STATES***
PI US 2003064412 A1 20030403
AI US 2001-984490 A1 20011030 (9)
***RLI Division of Ser. No. US 1999-227357, filed on 8 Jan 1999, PATENTED*:
*** Continuation-in-part of Ser. No. WO 1998-US13684, filed on 7 Jul 19:

FS APPLICATION
LN.CNT 20255
INCL INCLM: 435/007.900
*** INCLS: 530/391.100; 530/388.150***
NCL NCLM: 435/007.900
*** NCLS: 530/391.100; 530/388.150***
IC [7]
*** ICM: G01N033-53***
*** ICS: G01N033-542; C07K016-46***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 162 OF 408 USPATFULL on STN ***
AN 2003:87011 USPATFULL
TI Secreted protein HFEAF41
IN Young, Paul, Gaithersburg, MD, UNITED STATES
*** Greene, John M., Gaithersburg, MD, UNITED STATES***
*** Ferrie, Ann M., Tewksbury, MA, UNITED STATES***
*** Ruben, Steven M., Olney, MD, UNITED STATES***
*** Rosen, Craig A., Laytonsville, MD, UNITED STATES***
*** Duan, Roxanne, Bethesda, MD, UNITED STATES***
*** Hu, Jing-Shan, Sunnyvale, CA, UNITED STATES***
*** Florence, Kimberly, Rockville, MD, UNITED STATES***
*** Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
*** Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
*** Brewer, Laurie A., St. Paul, MN, UNITED STATES***
*** Moore, Paul A., Germantown, MD, UNITED STATES***
*** Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
*** Lafleur, David W., Washington, DC, UNITED STATES***
*** Ni, Jian, Rockville, MD, UNITED STATES***
PI US 2003060619 A1 20030327
AI US 2001-983966 A1 20011026 (9)
***RLI Division of Ser. No. US 1998-154707, filed on 17 Sep 1998, PENDING*:
*** Continuation-in-part of Ser. No. WO 1998-US5311, filed on 19 Mar 19:

DT Utility
FS APPLICATION
LN.CNT 15264
INCL INCLM: 536/023.530
*** INCLS: 530/388.150; 530/391.100***
NCL NCLM: 536/023.530
*** NCLS: 530/388.150; 530/391.100***
IC [7]
*** ICM: C07H021-04***
*** ICS: C07K016-46***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 163 OF 408 USPATFULL on STN ***

```
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***        corporation)***
***PI      US 2003059908       A1    20030327***
***AI      US 2002-91504       A1    20020307 (10)***
***RLI     Continuation of Ser. No. US 2001-764869, filed on 17 Jan 2001, ABANI

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 28555***
***INCL    INCLM: 435/183.000***
***        INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200***
***NCL     NCLM:  435/183.000***
***        NCLS:  435/069.100; 435/320.100; 435/325.000; 536/023.200***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 164 OF 408  USPATFULL on STN ***
***AN      2003:86270  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003059875       A1    20030327***
***AI      US 2002-125540      A1    20020419 (10)***
***RLI     Continuation of Ser. No. US 2001-764870, filed on 17 Jan 2001, ABANI
***PRAI    US 2000-179065P      20000131 (60)***
***        US 2000-180628P      20000204 (60)***
***        US 2000-214886P      20000628 (60)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 23013***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/325.000; 435/320.100; 435/006.000; 435/183.000; 536/023.1
***NCL     NCLM:  435/069.100***
***        NCLS:  435/325.000; 435/320.100; 435/006.000; 435/183.000; 536/023.1
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 165 OF 408  USPATFULL on STN ***
***AN      2003:79308  USPATFULL***
***TI      Secreted protein HKABT24***
***IN      Moore, Paul A., Germantown, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***        Wei, Ying-Feig, Berkeley, CA, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Duan, D. Roxanne, Bethesda, MD, UNITED STATES***
***        Florence, Charles, Rockville, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Feng, Ping, Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Janat, Fouad, Westerly, RI, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003055236       A1    20030320***
***AI      US 2002-97065       A1    20020314 (10)***
***RLI     Division of Ser. No. US 1999-334595, filed on 17 Jun 1999, PENDING*:
***        Continuation-in-part of Ser. No. WO 1998-US27059, filed on 17 Dec 1!
***        UNKNOWN***
```

```
***        US 1997-68007P       19971218 (60)***
***        US 1997-68057P       19971218 (60)***
***        US 1997-68006P       19971218 (60)***
***        US 1997-68053P       19971218 (60)***
***        US 1997-68064P       19971218 (60)***
***        US 1997-68054P       19971218 (60)***
***        US 1997-68008P       19971218 (60)***
***        US 1997-68369P       19971219 (60)***
***        US 1997-68367P       19971219 (60)***
***        US 1997-68368P       19971219 (60)***
***        US 1997-68169P       19971219 (60)***
***        US 1997-68365P       19971219 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT  12599***
***INCL    INCLM: 536/023.200***
***        INCLS: 435/069.100; 435/183.000; 435/325.000; 435/320.100***
***NCL     NCLM:  536/023.200***
***        NCLS:  435/069.100; 435/183.000; 435/325.000; 435/320.100***
***IC      [7]***
***        ICM: C07H021-04***
***        ICS: C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 166 OF 408  USPATFULL on STN ***
***AN      2003:78523  USPATFULL***
***TI      90 human secreted proteins***
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Janat, Fouad, Westerly, RI, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***PI      US 2003054443        A1   20030320***
***AI      US 2001-969730       A1   20011004 (9)***
***RLI     Continuation-in-part of Ser. No. US 2001-774639, filed on 1 Feb 200
***        PENDING Continuation of Ser. No. US 1999-244112, filed on 4 Feb 199
***        ABANDONED Continuation-in-part of Ser. No. WO 1998-US16235, filed o

***FS      APPLICATION***
***LN.CNT  26693***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/006.000; 435/007.100; 435/325.000; 435/320.100; 435/183.
***               536/023.100; 530/350.000***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/006.000; 435/007.100; 435/325.000; 435/320.100; 435/183.
***               536/023.100; 530/350.000***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12Q001-68; G01N033-53; C07H021-04; C12N009-00; C07K014-435;**
***        C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 167 OF 408  USPATFULL on STN ***
***AN      2003:78500  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S.***
***        corporation)***
***PI      US 2003054420        A1   20030320***
***AI      US 2002-72349        A1   20020211 (10)***
***RLI     Continuation of Ser. No. US 2001-764855, filed on 17 Jan 2001, ABAN

***DT      Utility***
***FS      APPLICATION***
***LN.CNT  19700***
```

```
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***NCL     NCLM:  435/007.230***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***IC      [7]***
***        ICM: G01N033-574***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 168 OF 408  USPATFULL on STN ***
***AN      2003:78459  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003054379      A1   20030320***
***AI      US 2002-116016     A1   20020405 (10)***
***RLI     Continuation of Ser. No. US 2001-764848, filed on 17 Jan 2001, ABANI

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 18217***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 169 OF 408  USPATFULL on STN ***
***AN      2003:78457  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003054377      A1   20030320***
***AI      US 2002-102627     A1   20020322 (10)***
***RLI     Continuation of Ser. No. US 2001-764856, filed on 17 Jan 2001, PEND:

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 18653***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 170 OF 408  USPATFULL on STN ***
***AN      2003:78455  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003054375      A1   20030320***
***AI      US 2002-92154      A1   20020307 (10)***
***RLI     Continuation of Ser. No. US 2001-764847, filed on 17 Jan 2001, ABANI

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 26602***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
***IC      [7]***
***        ICM: C12Q001-68***
```

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 171 OF 408 USPATFULL on STN ***
AN 2003:78453 USPATFULL
TI Nucleic acids, proteins and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
*** Ruben, Steven M., Olney, MD, UNITED STATES***
*** Barash, Steven C., Rockville, MD, UNITED STATES***
***PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
*** corporation)***
PI US 2003054373 A1 20030320
AI US 2002-91572 A1 20020307 (10)
***RLI Continuation of Ser. No. US 2001-764850, filed on 17 Jan 2001, ABANI

DT Utility
FS APPLICATION
LN.CNT 21086
INCL INCLM: 435/006.000
*** INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
NCL NCLM: 435/006.000
*** NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.:
IC [7]
*** ICM: C12Q001-68***
*** ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 172 OF 408 USPATFULL on STN ***
AN 2003:78448 USPATFULL
TI Nucleic acids, proteins and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
*** Ruben, Steven M., Olney, MD, UNITED STATES***
*** Barash, Steven C., Rockville, MD, UNITED STATES***
***PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
*** corporation)***
PI US 2003054368 A1 20030320
AI US 2002-79854 A1 20020222 (10)
***RLI Continuation of Ser. No. US 2001-764878, filed on 17 Jan 2001, PEND:

DT Utility
FS APPLICATION
LN.CNT 19483
INCL INCLM: 435/006.000
*** INCLS: 435/007.230; 435/069.300; 435/183.000; 435/320.100; 435/325.(
*** 536/023.200***
NCL NCLM: 435/006.000
*** NCLS: 435/007.230; 435/069.300; 435/183.000; 435/320.100; 435/325.(
*** 536/023.200***
IC [7]
*** ICM: C12Q001-68***
*** ICS: G01N033-574; C07H021-04; C12N009-00; C12P021-02; C12N005-06***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 173 OF 408 USPATFULL on STN ***
AN 2003:78090 USPATFULL
TI Molecular antigen array
IN Sebbel, Peter, Zurich, SWITZERLAND
*** Dunant, Nicolas, Zurich, SWITZERLAND***
*** Bachmann, Martin, Winterthur, SWITZERLAND***
*** Tissot, Alain, Zurich, SWITZERLAND***
*** Lechner, Franziska, Zurich, SWITZERLAND***
*** Renner, Wolfgang A., Zurich, SWITZERLAND***
*** Hennecke, Frank, Zurich, SWITZERLAND***
*** Nieba, Lars, Herisau, SWITZERLAND***
PA Cytos Biotechnology AG (non-U.S. corporation)
PI US 2003054010 A1 20030320
AI US 2001-848616 A1 20010504 (9)
PRAI US 2000-202341P 20000505 (60)
DT Utility
FS APPLICATION
LN.CNT 8317
INCL INCLM: 424/185.100
*** INCLS: 424/186.100; 424/204.100; 424/193.100; 424/093.200; 435/006.(
*** 435/091.100***
NCL NCLM: 424/185.100
*** NCLS: 424/186.100; 424/204.100; 424/193.100; 424/093.200; 435/006.(

```
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C12P019-34; A61K048-00; A01N063-00; A61K039-00; A61K039-12;***
***       A61K039-385***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 174 OF 408  USPATFULL on STN ***
***AN     2003:72174  USPATFULL***
***TI     Secreted protein HFEAF41***
***IN     Young, Paul, Gaithersburg, MD, UNITED STATES***
***       Greene, John M., Gaithersburg, MD, UNITED STATES***
***       Ferrie, Ann M., Tewksbury, MA, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Duan, Roxanne, Bethesda, MD, UNITED STATES***
***       Hu, Jing-Shan, Sunnyvale, CA, UNITED STATES***
***       Florence, Kimberly, Rockville, MD, UNITED STATES***
***       Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***       Brewer, Lauie A., St. Paul, MN, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       Lafleur, David W., Washington, DC, UNITED STATES***
***       Ni, Jian, Rockville, MD, UNITED STATES***
***PI     US 2003050461      A1   20030313***
***AI     US 2001-966262     A1   20011001 (9)***
***RLI    Continuation of Ser. No. US 1998-154707, filed on 17 Sep 1998, PEND
***       Continuation-in-part of Ser. No. WO 1998-US5311, filed on 19 Mar 19

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 15105***
***INCL   INCLM: 536/023.200***
***       INCLS: 435/006.000; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***              424/094.100***
***NCL    NCLM:  536/023.200***
***       NCLS:  435/006.000; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***              424/094.100***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; A61K038-43; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 175 OF 408  USPATFULL on STN ***
***AN     2003:72168  USPATFULL***
***TI     64 human secreted proteins***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Young, Paul E., Gaithersburg, MD, UNITED STATES***
***       Greene, John M., Gaithersburg, MD, UNITED STATES***
***       Ni, Jian, Germantown, MD, UNITED STATES***
***       Feng, Ping, Gaithersburg, MD, UNITED STATES***
***       Florence, Kimberly A., Rockville, MD, UNITED STATES***
***       Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***       Ferrie, Ann M., Tewksbury, MA, UNITED STATES***
***       Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***       Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***       Janat, Fouad, Westerly, RI, UNITED STATES***
***PI     US 2003050455      A1   20030313***
***AI     US 2001-776724     A1   20010206 (9)***
***RLI    Continuation-in-part of Ser. No. US 2000-669688, filed on 26 Sep 20(
***       PENDING Continuation of Ser. No. US 1999-229982, filed on 14 Jan 19
***       PENDING Continuation-in-part of Ser. No. WO 1998-US14613, filed on
***       Jul 1998, UNKNOWN***
***PRAI   US 2000-180909P     20000208 (60)***
***       US 1997-53442P      19970722 (60)***
***       US 1997-56359P      19970818 (60)***
***       US 1997-52661P      19970716 (60)***
***       US 1997-52872P      19970716 (60)***
***       US 1997-52871P      19970716 (60)***
***       US 1997-52874P      19970716 (60)***
***       US 1997-52873P      19970716 (60)***
***       US 1997-52870P      19970716 (60)***
***       US 1997-52875P      19970716 (60)***
***       US 1997-53440P      19970722 (60)***
```

```
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 21934***
***INCL    INCLM: 536/023.100***
***NCL     NCLM:  536/023.100***
***IC      [7]***
***        ICM: C07H021-02***
***        ICS: C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 176 OF 408  USPATFULL on STN ***
***AN      2003:72155  USPATFULL***
***TI      62 human secreted proteins***
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Komatsoulis, George, Silver Spring, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Young, Paul, Gaithersburg, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2003050442       A1   20030313***
***AI      US 2002-50704       A1   20020118 (10)***
***RLI     Continuation of Ser. No. US 2000-684524, filed on 10 Oct 2000, PEND
***        Continuation-in-part of Ser. No. WO 2000-US8979, filed on 6 Apr 200
***        UNKNOWN***
***PRAI    US 1999-128693P      19990409 (60)***
***        US 1999-130991P      19990426 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 29145***
***INCL    INCLM: 530/350.000***
***        INCLS: 435/183.000; 536/023.200; 435/069.100; 435/325.000; 435/320.
***NCL     NCLM:  530/350.000***
***        NCLS:  435/183.000; 536/023.200; 435/069.100; 435/325.000; 435/320.
***IC      [7]***
***        ICM: C07K014-435***
***        ICS: C12P021-02; C12N005-06; C07H021-04; C12N009-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 177 OF 408  USPATFULL on STN ***
***AN      2003:71944  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2003050231       A1   20030313***
***AI      US 2001-764872      A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 22015***
***INCL    INCLM: 514/012.000***
***        INCLS: 536/023.200; 530/350.000; 435/069.100; 435/183.000; 435/325.
***                435/320.100***
***NCL     NCLM:  514/012.000***
***        NCLS:  536/023.200; 530/350.000; 435/069.100; 435/183.000; 435/325.
***                435/320.100***
***IC      [7]***
***        ICM: A61K038-17***
***        ICS: C07H021-04; C12N009-00; C07K014-435; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 178 OF 408  USPATFULL on STN ***
***AN      2003:71418  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
```

```
***       corporation)***
***PI     US 2003049703      A1   20030313***
***AI     US 2002-91548      A1   20020307 (10)***
***RLI    Continuation of Ser. No. US 2001-764904, filed on 17 Jan 2001, PEND

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 22036***
***INCL   INCLM: 435/007.230***
***       INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.
***NCL    NCLM:  435/007.230***
***       NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.
***IC     [7]***
***       ICM: G01N033-574***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 179 OF 408  USPATFULL on STN ***
***AN     2003:71367  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003049652      A1   20030313***
***AI     US 2002-92256      A1   20020307 (10)***
***RLI    Continuation of Ser. No. US 2001-764884, filed on 17 Jan 2001, ABAN

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 18403***
***INCL   INCLM: 435/006.000***
***       INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.
***NCL    NCLM:  435/006.000***
***       NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
*** ***
***L4   ANSWER 180 OF 408  USPATFULL on STN ***
***AN     2003:71365  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003049650      A1   20030313***
***AI     US 2002-91483      A1   20020307 (10)***
***RLI    Continuation of Ser. No. US 2001-764846, filed on 17 Jan 2001, ABAN
***PRAI   US 2000-179065P     20000131 (60)***
*
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 22593***
***INCL   INCLM: 435/006.000***
***       INCLS: 435/069.100; 435/320.100; 435/183.000; 435/325.000; 536/023.
***NCL    NCLM:  435/006.000***
***       NCLS:  435/069.100; 435/320.100; 435/183.000; 435/325.000; 536/023.
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 181 OF 408  USPATFULL on STN ***
***AN     2003:71333  USPATFULL***
***TI     186 human secreted proteins***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Soppet, Daniel R., Centreville, VA, UNITED STATES***
***       Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***       Bednarik, Daniel P., Columbia, MD, UNITED STATES***
***       Endress, Gregory A., Florence, MA, UNITED STATES***
***       Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***       Ni, Jian, Germantown, MD, UNITED STATES***
***       Feng, Ping, Gaithersburg, MD, UNITED STATES***
```

```
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***        Duan, D. Roxanne, Bethesda, MD, UNITED STATES***
***        Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Fischer, Carrie L., Burke, VA, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***PI      US 2003049618       A1   20030313***
***AI      US 2001-809391      A1   20010316 (9)***
***RLI     Continuation-in-part of Ser. No. US 1998-149476, filed on 8 Sep 199
***        GRANTED, Pat. No. US 6420526 Continuation-in-part of Ser. No. WO***
***        1998-US4493, filed on 6 Mar 1998, UNKNOWN***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT  26235***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.
***               536/023.100***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.
***               536/023.100***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12N009-00; C12N005-06; C12P021-02; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 182 OF 408  USPATFULL on STN ***
***AN      2003:65371  USPATFULL***
***TI      Method for selective expression of therapeutic genes by hyperthermi
***IN      Li, Chuan-Yuan, Durham, NC, UNITED STATES***
***        Huang, Qian, Shanghai, CHINA***
***        Dewhirst, Mark W., Durham, NC, UNITED STATES***
***PI      US 2003045495       A1   20030306***
***AI      US 2002-172399      A1   20020614 (10)***
***PRAI    US 2001-298305P      20010614 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT  4381***
***INCL    INCLM: 514/044.000***
***NCL     NCLM:  514/044.000***
***IC      [7]***
***        ICM: A61K048-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 183 OF 408  USPATFULL on STN ***
***AN      2003:64783  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***        corporation)***
***PI      US 2003044904       A1   20030306***
***AI      US 2002-73865       A1   20020214 (10)***
***RLI     Continuation of Ser. No. US 2001-764893, filed on 17 Jan 2001, ABAN

***DT      Utility***
***FS      APPLICATION***
***LN.CNT  26421***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/183.000; 435/325.000; 435/320.100; 530/350.000; 536/023.
***NCL     NCLM:  435/069.100***
***        NCLS:  435/183.000; 435/325.000; 435/320.100; 530/350.000; 536/023.
***IC      [7]***
***        ICM: C12N009-00***
***        ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-435***
```

```
*** ***
***L4   ANSWER 184 OF 408  USPATFULL on STN ***
***AN     2003:57524  USPATFULL***
***TI     Secreted protein HT5GJ57***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Komatsoulis, George, Silver Spring, MD, UNITED STATES***
***       Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       LaFleur, David W., Washington, DC, UNITED STATES***
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***       Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***       Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***       Florence, Kimberly A., Rockville, MD, UNITED STATES***
***       Young, Paul E., Gaithersburg, MD, UNITED STATES***
***       Mucenski, Michael, Cincinnati, OH, UNITED STATES***
***       Endress, Gregory A., Florence, MA, UNITED STATES***
***       Soppet, Daniel R., Centreville, VA, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***       corporation)***
***PI     US 2003040088      A1   20030227***
***AI     US 2001-984271     A1   20011029 (9)***
***RLI    Division of Ser. No. US 2000-482273, filed on 13 Jan 2000, PENDING*:
***       Continuation-in-part of Ser. No. WO 1999-US15849, filed on 14 Jul 1:
***       UNKNOWN***
***PRAI   US 1998-92921P      19980715 (60)***
***       US 1998-92922P      19980715 (60)***
***       US 1998-92956P      19980715 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 24720***
***INCL   INCLM: 435/183.000***
***       INCLS: 435/006.000; 435/069.100; 435/325.000; 435/320.100; 530/350.(
***              536/023.200***
***NCL    NCLM:  435/183.000***
***       NCLS:  435/006.000; 435/069.100; 435/325.000; 435/320.100; 530/350.(
***              536/023.200***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 185 OF 408  USPATFULL on STN ***
***AN     2003:51547  USPATFULL***
***TI     Signal transduction pathway component polynucleotides, polypeptides
***       antibodies and methods based thereon***
***IN     Barash, Steven C., Rockville, MD, UNITED STATES***
***       Ni, Jian, Germantown, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Young, Paul E., Berkeley, CA, UNITED STATES***
***       Rohrschneider, Larry R., Seattle, WA, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***       corporation)***
***PI     US 2003036505      A1   20030220***
***AI     US 2001-955999     A1   20010920 (9)***
***PRAI   US 2000-234997P     20000925 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 24363***
***INCL   INCLM: 514/012.000***
***       INCLS: 530/350.000; 536/023.500; 435/006.000; 435/069.100; 435/325.(
***              435/320.100***
***NCL    NCLM:  514/012.000***
***       NCLS:  530/350.000; 536/023.500; 435/006.000; 435/069.100; 435/325.(
***              435/320.100***
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: C07K014-435; C12Q001-68; C07H021-04; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 186 OF 408  USPATFULL on STN ***
***AN     2003:38356  USPATFULL***
***TI     125 human secreted proteins***
```

```
***         Feng, Ping, Gaithersburg, MD, UNITED STATES***
***         Ruben, Steven M., Olney, MD, UNITED STATES***
***         Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***         Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***         Ni, Jian, Germantown, MD, UNITED STATES***
***         Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***         Soppet, Daniel R., Centreville, VA, UNITED STATES***
***         Moore, Paul A., Germantown, MD, UNITED STATES***
***         Kyaw, Hla, Frederick, MD, UNITED STATES***
***         LaFleur, David W., Washington, DC, UNITED STATES***
***         Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***         Janat, Fouad, Westerly, RI, UNITED STATES***
***         Endress, Gregory A., Florence, MA, UNITED STATES***
***         Carter, Kenneth C., North Potomac, MD, UNITED STATES***
***         Birse, Charles E., North Potomac, MD, UNITED STATES***
***PI       US 2003028003       A1   20030206***
***AI       US 2001-974879      A1   20011012 (9)***
***RLI      Continuation-in-part of Ser. No. US 2001-818683, filed on 28 Mar 20(
***         PENDING Continuation of Ser. No. US 1999-305736, filed on 5 May 199!
***         PENDING Continuation-in-part of Ser. No. WO 1998-US23435, filed on 4
***         1998, UNKNOWN***
***PRAI     US 2000-239893P      20001013 (60)***
***         US 1997-64911P       19971107 (60)***
***         US 1997-64912P       19971107 (60)***
***         US 1997-64983P       19971107 (60)***
***         US 1997-64900P       19971107 (60)***
***         US 1997-64988P       19971107 (60)***
***         US 1997-64987P       19971107 (60)***
***         US 1997-64908P       19971107 (60)***
***         US 1997-64984P       19971107 (60)***
***         US 1997-64985P       19971107 (60)***
***         US 1997-66094P       19971117 (60)***
***         US 1997-66100P       19971117 (60)***
***         US 1997-66089P       19971117 (60)***
***         US 1997-66095P       19971117 (60)***
***         US 1997-66090P       19971117 (60)***
***DT       Utility***
***FS       APPLICATION***
***LN.CNT   36277***
***INCL     INCLM: 536/023.200***
***         INCLS: 435/069.100; 435/325.000; 435/320.100; 435/183.000***
***NCL      NCLM:  536/023.200***
***         NCLS:  435/069.100; 435/325.000; 435/320.100; 435/183.000***
***IC       [7]***
***         ICM: C07H021-04***
***         ICS: C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 187 OF 408  USPATFULL on STN ***
***AN       2003:38352  USPATFULL***
***TI       143 human secreted proteins***
***IN       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***         Ruben, Steven M., Olney, MD, UNITED STATES***
***         Moore, Paul A., Germantown, MD, UNITED STATES***
***         Young, Paul E., Gaithersburg, MD, UNITED STATES***
***         Komatsoulis, George A., Silver Spring, MD, UNITED STATES***
***         Birse, Charles E., North Potomac, MD, UNITED STATES***
***         Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***         Florence, Kimberly A., Rockville, MD, UNITED STATES***
***         Soppet, Daniel R., Centreville, VA, UNITED STATES***
***PI       US 2003027999       A1   20030206***
***AI       US 2001-986480      A1   20011108 (9)***
***RLI      Continuation-in-part of Ser. No. WO 2000-US12788, filed on 11 May 2(
***         UNKNOWN***
***PRAI     US 1999-134068P      19990513 (60)***
***DT       Utility***
***FS       APPLICATION***
***LN.CNT   29687***
***INCL     INCLM: 536/023.100***
***NCL      NCLM:  536/023.100***
***IC       [7]***
***         ICM: C07H021-02***
***         ICS: C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
```

```
***AN      2003:38129  USPATFULL***
***TI      29 human cancer associated proteins***
***IN      Roschke, Viktor, Rockville, MD, UNITED STATES***
***PI      US 2003027776       A1   20030206***
***AI      US 2001-23896       A1   20011221 (10)***
***RLI     Continuation-in-part of Ser. No. WO 2000-US23794, filed on 30 Aug 2(
***        UNKNOWN***
***PRAI    US 1999-152296P      19990903 (60)***
***        US 1999-158003P      19991006 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 23049***
***INCL    INCLM: 514/044.000***
***        INCLS: 536/023.100; 530/350.000; 435/006.000; 435/007.230; 435/069.1
***               435/325.000; 435/320.100***
***NCL     NCLM:  514/044.000***
***        NCLS:  536/023.100; 530/350.000; 435/006.000; 435/007.230; 435/069.1
***               435/325.000; 435/320.100***
***IC      [7]***
***        ICM: A61K048-00***
***        ICS: C12Q001-68; G01N033-574; C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 189 OF 408  USPATFULL on STN ***
***AN      2003:30934  USPATFULL***
***TI      Compounds and their use***
***IN      Ferraris, Dana V., Eldersburg, MD, UNITED STATES***
***        Li, Jia-He, Cockeysville, MD, UNITED STATES***
***        Kalish, Vincent J., Annapolis, MD, UNITED STATES***
***        Zhang, Jie, Ellicott City, MD, UNITED STATES***
***PI      US 2003022883       A1   20030130***
***AI      US 2001-996776      A1   20011130 (9)***
***PRAI    US 2000-250132P      20001201 (60)***
***        US 2001-310274P      20010807 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 4519***
***INCL    INCLM: 514/212.060***
***        INCLS: 514/221.000; 514/220.000; 514/291.000; 540/496.000; 540/495.(
***               540/521.000; 546/081.000***
***NCL     NCLM:  514/212.060***
***        NCLS:  514/221.000; 514/220.000; 514/291.000; 540/496.000; 540/495.(
***               540/521.000; 546/081.000***
***IC      [7]***
***        ICM: C07D491-04***
***        ICS: C07D471-04; A61K031-551; A61K031-55; A61K031-4745***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 190 OF 408  USPATFULL on STN ***
***AN      2003:30238  USPATFULL***
***TI      Secreted protein HLHFP03***
***IN      Fischer, Carrie L., Burke, VA, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Kyaw, Hla, Frederick, MD, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***PI      US 2003022185       A1   20030130***
***AI      US 2001-983802      A1   20011025 (9)***
***RLI     Continuation of Ser. No. US 1999-227357, filed on 8 Jan 1999, GRANTI
***        Pat. No. US 6342581 Continuation-in-part of Ser. No. WO 1998-US1368(
***        filed on 7 Jul 1998, UNKNOWN***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 19390***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/325.000; 435/320.100; 435/183.000; 536/023.1
```

```
***       NCLS:  435/069.100; 435/325.000; 435/320.100; 435/183.000; 536/023.
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 191 OF 408  USPATFULL on STN ***
***AN     2003:24336  USPATFULL***
***TI     Secreted protein HFEAF41***
***IN     Young, Paul, Gaithersburg, MD, UNITED STATES***
***       Greene, John M., Gaithersburg, MD, UNITED STATES***
***       Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Duan, Roxanne, Bethesda, MD, UNITED STATES***
***       Hu, Jing-Shan, Mountain View, CA, UNITED STATES***
***       Florence, Kimberly, Rockville, MD, UNITED STATES***
***       Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***       Brewer, Lauie A., St. Paul, MN, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, VA, UNITED STATES***
***       Lafleur, David W., Washington, DC, UNITED STATES***
***       Ni, Jian, Germantown, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003018180      A1   20030123***
***AI     US 2002-59395      A1   20020131 (10)***
***RLI    Division of Ser. No. US 2001-966262, filed on 1 Oct 2001, PENDING**
***       Continuation of Ser. No. US 1998-154707, filed on 17 Sep 1998, PEND
***       Continuation-in-part of Ser. No. WO 1998-US5311, filed on 19 Mar 19
***       UNKNOWN***

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 15142***
***INCL   INCLM: 536/023.200***
***       INCLS: 530/350.000; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***NCL    NCLM:  536/023.200***
***       NCLS:  530/350.000; 435/069.100; 435/183.000; 435/320.100; 435/325.(
***IC     [7]***
***       ICM: C07K014-435***
***       ICS: C12P021-02; C12N005-06; C07H021-04; C12N009-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 192 OF 408  USPATFULL on STN ***
***AN     2003:23660  USPATFULL***
***TI     Secreted protein HT5GJ57***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Komatsoulis, George, Silver Spring, MD, UNITED STATES***
***       Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       LaFleur, David W., Washington, DC, UNITED STATES***
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***       Olsen, Henrik, Gaithersburg, MD, UNITED STATES***
***       Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***       Florence, Kimberly A., Rockville, MD, UNITED STATES***
***       Young, Paul, Gaithersburg, MD, UNITED STATES***
***       Mucenski, Michael, Cincinnati, OH, UNITED STATES***
***       Endress, Gregory A., Florence, MA, UNITED STATES***
***       Soppet, Daniel R., Centreville, VA, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI     US 2003017500      A1   20030123***
***AI     US 2001-984276     A1   20011029 (9)***
***RLI    Division of Ser. No. US 2000-482273, filed on 13 Jan 2000, PENDING*
***       Continuation-in-part of Ser. No. WO 1999-US15849, filed on 14 Jul 1
***       UNKNOWN***
***PRAI   US 1998-92921P      19980715 (60)***
***       US 1998-92922P      19980715 (60)***
***       US 1998-92956P      19980715 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 25053***
***INCL   INCLM: 435/007.100***
```

```
***NCL     NCLM:  435/007.100***
***        NCLS:  530/388.260; 530/388.150***
***IC      [7]***
***        ICM: G01N033-53***
***        ICS: C07K016-40***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 193 OF 408  USPATFULL on STN ***
***AN      2003:17897  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2003013649       A1   20030116***
***AI      US 2001-989442      A1   20011121 (9)***
***RLI     Continuation of Ser. No. US 2001-764863, filed on 17 Jan 2001, ABANI

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 27547***
***INCL    INCLM: 514/012.000***
***        INCLS: 536/023.500; 530/350.000; 435/006.000; 435/325.000; 435/069.:
***               435/320.100***
***NCL     NCLM:  514/012.000***
***        NCLS:  536/023.500; 530/350.000; 435/006.000; 435/325.000; 435/069.:
***               435/320.100***
***IC      [7]***
***        ICM: A61K038-17***
***        ICS: C07K014-435; C12P021-02; C12N005-06; C12Q001-68; C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 194 OF 408  USPATFULL on STN ***
***AN      2003:4280  USPATFULL***
***TI      31 human secreted proteins***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Ferrie, Ann M., Tewksbury, MA, UNITED STATES***
***        Florence, Charles, Rockville, MD, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Ni, Jian, Rockville, MD, UNITED STATES***
***PI      US 2003004324       A1   20030102***
***AI      US 2001-798889      A1   20010306 (9)***
***RLI     Continuation of Ser. No. US 1999-393022, filed on 9 Sep 1999, ABAND(
***        Continuation-in-part of Ser. No. WO 1999-US5721, filed on 11 Mar 19
***        UNKNOWN***
***PRAI    US 1998-77714P       19980312 (60)***
***        US 1998-77686P       19980312 (60)***
***        US 1998-77687P       19980312 (60)***
***        US 1998-77696P       19980312 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 12188***
***INCL    INCLM: 536/023.100***
***        INCLS: 435/006.000; 435/007.100; 435/069.100; 435/183.000; 435/325.(
***               435/320.100; 530/350.000***
***NCL     NCLM:  536/023.100***
***        NCLS:  435/006.000; 435/007.100; 435/069.100; 435/183.000; 435/325.(
***               435/320.100; 530/350.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: G01N033-53; C07H021-04; C12N009-00; C12P021-02; C12N005-06;***
***        C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 195 OF 408  USPATFULL on STN ***
***AN      2003:3520  USPATFULL***
***TI      90 human secreted proteins***
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Tewksbury, MA, UNITED STATES***
```

```
***       Ni, Jian, Rockville, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Brewer, Laurie A., St. Paul, MN, UNITED STATES***
***       Janat, Fouad, Westerly, RI, UNITED STATES***
***PI     US 2003003555      A1   20030102***
***AI     US 2001-774639     A1   20010201 (9)***
***RLI    Continuation of Ser. No. US 1999-244112, filed on 4 Feb 1999, ABAND(
***       Continuation-in-part of Ser. No. WO 1998-US16235, filed on 4 Aug 19!
***       UNKNOWN***

***FS     APPLICATION***
***LN.CNT 15472***
***INCL   INCLM: 435/183.000***
***       INCLS: 435/006.000; 435/069.100; 435/325.000; 435/320.100; 530/388.:
***              536/023.200***
***NCL    NCLM:  435/183.000***
***       NCLS:  435/006.000; 435/069.100; 435/325.000; 435/320.100; 530/388.:
***              536/023.200***
***IC     [7]***
***       ICM: C12Q001-68***
***       ICS: C07H021-04; C12N009-00; C12N005-06; C07K016-40; C12P021-02***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 196 OF 408  USPATFULL on STN ***
***AN     2003:3433  USPATFULL***
***TI     Markers for disease susceptibility and targets for therapy***
***IN     Crow, Mary K., New York, NY, UNITED STATES***
***PA     Hospital for Special Surgery (U.S. corporation)***
***PI     US 2003003468      A1   20030102***
***AI     US 2001-25201      A1   20011219 (10)***
***PRAI   US 2000-256673P     20001219 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 4887***
***INCL   INCLM: 435/006.000***
***NCL    NCLM:  435/006.000***
***IC     [7]***
***       ICM: C12Q001-68***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 197 OF 408  USPATFULL on STN ***
***AN     2003:279188  USPATFULL***
***TI     PARP inhibitors, pharmaceutical compositions comprising same, and**:
***       methods of using same***
***IN     Jackson, Paul F., Bel Air, MD, United States***
***       Li, Jia-He, Cockeysville, MD, United States***
***       Maclin, Keith M., Baltimore, MD, United States***
***       Zhang, Jie, Ellicott City, MD, United States***
***PA     Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S.**:
***       corporation)***
***PI     US 6635642         B1   20031021***
***AI     US 1998-145176          19980901 (9)***
***RLI    Continuation-in-part of Ser. No. US 1998-79512, filed on 15 May 199!
***       now abandoned Continuation-in-part of Ser. No. US 1997-922520, file(
***       3 Sep 1997, now abandoned Continuation-in-part of Ser. No. US***
***       1997-922548, filed on 3 Sep 1997, now patented, Pat. No. US 6174893
***       issued on 16 Jan 2001***
***DT     Utility***
***FS     GRANTED***
***LN.CNT 2769***
***INCL   INCLM: 514/248.000***
***       INCLS: 514/247.000; 544/224.000; 544/233.000; 544/235.000***
***NCL    NCLM:  514/248.000***
***       NCLS:  514/247.000; 544/224.000; 544/233.000; 544/235.000***
***IC     [7]***
***       ICM: A61K031-50***
***       ICS: C07D237-26***
***EXF    514/247; 514/248; 514/261; 514/439; 514/464; 514/465; 514/617; 514/:
***       544/224; 544/264; 544/233; 544/235; 549/441; 564/63; 564/164; 564/1(
***       564/183***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 198 OF 408  USPATFULL on STN ***
***AN     2003:273430  USPATFULL***
***TI     Aromatic derivatives as HIV aspartyl protease inhibitors***
```

```
***        Lavallee, Jean-Fran.cedilla.ois, Mille-Iles, CANADA***
***        LeBerre, Nicolas, Montreal, CANADA***
***        Perron, Valerie, Laval, CANADA***
***PA      Pharmacor Inc., Laval, CANADA (non-U.S. corporation)***
***PI      US 6632816          B1   20031014***
***AI      US 2002-326488           20021223 (10)***
***DT      Utility***
***FS      GRANTED***
***LN.CNT 3802***
***INCL    INCLM: 514/237.500***
***        INCLS: 544/148.000; 544/159.000; 544/406.000; 546/316.000; 546/323.(
***               548/333.500; 548/537.000; 549/438.000; 549/487.000; 560/010.(
***               560/013.000; 562/427.000; 562/430.000; 564/086.000***
***NCL     NCLM:  514/237.500***
***        NCLS:  544/148.000; 544/159.000; 544/406.000; 546/316.000; 546/323.(
***               548/333.500; 548/537.000; 549/438.000; 549/487.000; 560/010.(
***               560/013.000; 562/427.000; 562/430.000; 564/086.000***
***IC      [7]***
***        ICM: A61K031-455***
***        ICS: A61K031-5375; C07C311-44; C07D213-82; C07D295-215***
***EXF     544/159; 560/10; 546/316; 564/86; 514/237.5***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 199 OF 408  USPATFULL on STN ***
***AN      2003:155715  USPATFULL***
***TI      Human cystatin F antibodies***
***IN      Li, Haodong, Gaitheresburg, MD, United States***
***        Yu, Guo-Liang, Darnestown, MD, United States***
***        Gentz, Reiner L., Silver Spring, MD, United States***
***        Ni, Jian, Rockville, MD, United States***
***PA      Human Genome Sciences, Inc., Rockville, MD, United States (U.S.***
***        corporation)***
***PI      US 6576745          B1   20030610***
***AI      US 2000-528436           20000317 (9)***
***RLI     Division of Ser. No. US 1998-19485, filed on 29 Jan 1998, now patent
***        Pat. No. US 6066617 Continuation-in-part of Ser. No. US 1997-832535
***        filed on 3 Apr 1997, now patented, Pat. No. US 5919658, issued on 6
***        1999***
***PRAI    US 1996-14795P      19960403 (60)***
***DT      Utility***
***FS      GRANTED***
***LN.CNT 2694***
***INCL    INCLM: 530/388.150***
***        INCLS: 435/326.000; 530/387.100; 530/388.100; 530/388.260***
***NCL     NCLM:  530/388.150***
***        NCLS:  435/326.000; 530/387.100; 530/388.100; 530/388.260***
***IC      [7]***
***        ICM: C07K016-00***
***EXF     530/387.1; 530/387.3; 530/388.1; 530/388.15; 530/388.26; 435/326***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 200 OF 408  USPATFULL on STN ***
***AN      2003:130010  USPATFULL***
***TI      Nucleic acid and amino acid sequences relating to Acinetobacter***
***        baumannii for diagnostics and therapeutics***
***IN      Breton, Gary, Marlborough, MA, United States***
***        Bush, David, Somerville, MA, United States***
***PA      Genome Therapeutics Corporation, Waltham, MA, United States (U.S.**
***        corporation)***
***PI      US 6562958          B1   20030513***
***AI      US 1999-328352           19990604 (9)***
***PRAI    US 1998-88701P      19980609 (60)***
***DT      Utility***
***FS      GRANTED***
***LN.CNT 16618***
***INCL    INCLM: 536/023.700***
***        INCLS: 536/023.100***
***NCL     NCLM:  536/023.700***
***        NCLS:  536/023.100***
***IC      [7]***
***        ICM: C07H021-02***
***EXF     536/23.1; 536/23.7; 435/69.1; 436/24.3; 335/60***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 201 OF 408  USPATFULL on STN ***
```

```
***TI     Lymphoid tissue-specific cell production from hematopoietic progenit
***       cells in three-dimensional devices***
***IN     Pykett, Mark J., 15 Sheridan St. W., Newton, MA, United States  021(
***       Rosenzweig, Michael, 11 Jefferson St. #2, Boston, MA, United States
***       02116***
***       Scadden, David T., 62 Lexington St., Weston, MA, United States  024
***       Poznansky, Mark C., 16 Monument St., Charlestown, MA, United States
***       02129***
***PI     US 6548299          B1   20030415***
***AI     US 2000-574749           20000518 (9)***
***RLI    Continuation-in-part of Ser. No. WO 1999-US26795, filed on 12 Nov 1
***DT     Utility***
***FS     GRANTED***
***LN.CNT 2577***
***INCL   INCLM: 435/377.000***
***       INCLS: 435/363.000; 435/372.000; 435/372.300; 435/373.000; 435/395.(
***              435/402.000; 435/352.000; 435/035.500; 623/016.000***
***NCL    NCLM:  435/377.000***
***       NCLS:  435/352.000; 435/355.000; 435/363.000; 435/372.000; 435/372.
***              435/373.000; 435/395.000; 435/402.000; 623/016.110***
***IC     [7]***
***       ICM: C12N005-06***
***EXF    435/373; 435/377; 435/402; 435/372.3; 435/363; 435/355; 435/395;***
***       435/372; 435/352; 623/16***
*** ***
***L4   ANSWER 202 OF 408  USPATFULL on STN ***
***AN     2003:102260  USPATFULL***
***TI     Non-pyrogenic bacterial strains and use of the same***
***IN     Powell, Robert J., Baltimore, MD, United States***
***       Hone, David M., Ellicott City, MD, United States***
***PA     University of Maryland, Baltimore, Baltimore, MD, United States (U.S
***       corporation)***
***PI     US 6548287          B1   20030415***
***AI     US 1999-339180           19990624 (9)***
***RLI    Division of Ser. No. US 1997-802371, filed on 19 Feb 1997, now pate
***       Pat. No. US 5997881***
***PRAI   US 1995-7478P        19951122 (60)***
***DT     Utility***
***FS     GRANTED***
***LN.CNT 2338***
***INCL   INCLM: 435/243.000***
***       INCLS: 424/234.100; 424/241.100; 424/245.100; 424/253.100; 424/258.
***              424/260.100; 424/261.100; 424/007.000; 424/240.000; 424/249.
***              435/069.300; 435/170.000; 435/252.300***
***NCL    NCLM:  435/243.000***
***       NCLS:  424/234.100; 424/240.100; 424/241.100; 424/245.100; 424/249.
***              424/253.100; 424/258.100; 424/260.100; 424/261.100; 435/069.
***              435/170.000; 435/252.300***
***IC     [7]***
***       ICM: A61K039-10***
***       ICS: A61K039-108; A61K039-05; A61K039-112; A61K039-106***
***EXF    424/234.1; 424/241.1; 424/245.1; 424/253.1; 424/258.1; 424/260.1;**
***       424/261.1; 424/240.1; 424/249.1; 435/69.3; 435/170; 435/172.1; 435/
***       435/252.3***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 203 OF 408  USPATFULL on STN ***
***AN     2003:74478  USPATFULL***
***TI     Secreted protein HT5GJ57***
***IN     Ruben, Steven M., Olney, MD, United States***
***       Komatsoulis, George, Silver Spring, MD, United States***
***       Duan, Roxanne D., Bethesda, MD, United States***
***       Rosen, Craig A., Laytonsville, MD, United States***
***       Moore, Paul A., Germantown, MD, United States***
***       Shi, Yanggu, Gaithersburg, MD, United States***
***       LaFleur, David W., Washington, DC, United States***
***       Ebner, Reinhard, Gaithersburg, MD, United States***
***       Olsen, Henrik, Gaithersburg, MD, United States***
***       Brewer, Laurie A., St. Paul, MN, United States***
***       Florence, Kimberly A., Rockville, MD, United States***
***       Young, Paul, Gaithersburg, MD, United States***
***       Mucenski, Michael, Cincinnati, OH, United States***
***       Endress, Gregory A., Potomac, MD, United States***
***       Soppet, Daniel R., Centreville, VA, United States***
***PA     Human Genome Sciences, Inc., Rockville, MD, United States (U.S.***
```

PI US 6534631 B1 20030318
AI US 2000-482273 20000113 (9)
***RLI Continuation-in-part of Ser. No. WO 1999-US15849, filed on 14 Jul 1
PRAI US 1998-92956P 19980715 (60)
*** US 1998-92922P 19980715 (60)***
*** US 1998-92921P 19980715 (60)***
DT Utility
FS GRANTED
LN.CNT 23784
INCL INCLM: 530/350.000
*** INCLS: 536/023.100; 536/024.100; 435/320.100; 435/325.000; 530/300.(
NCL NCLM: 530/350.000
*** NCLS: 435/320.100; 435/325.000; 530/300.000; 536/023.100; 536/024.:
IC [7]
*** ICM: C07K001-100***
*** ICS: C07K014-00; C07K017-00; A61K038-00; C12N015-00; C12N015-09;***
*** C12N005-00***
***EXF 435/320.1; 435/325; 530/350; 530/300; 530/324; 536/23.1; 536/24.1;*
*** 424/185.1; 424/192.1***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 204 OF 408 USPATFULL on STN ***
AN 2003:60231 USPATFULL
TI Urea derivatives as HIV aspartyl protease inhibitors
IN Stranix, Brent Richard, Pointe-Claire, CANADA
*** Bouzide, Abderrahim, Thornton, CO, United States***
*** Sauve, Gilles, Laval, CANADA***
PA Pharmacor Inc., Laval, CANADA (non-U.S. corporation)
PI US 6528532 B1 20030304
AI US 2002-143095 20020513 (10)
PRAI CA 2002-2374362 20020304
DT Utility
FS GRANTED
LN.CNT 3733
INCL INCLM: 514/318.000
*** INCLS: 514/326.000; 514/357.000; 514/464.000; 514/602.000; 514/603.(
*** 514/604.000; 546/194.000; 546/213.000; 546/332.000; 549/438.(
*** 560/013.000; 562/430.000; 564/086.000; 564/090.000***
NCL NCLM: 514/318.000
*** NCLS: 514/326.000; 514/357.000; 514/464.000; 514/602.000; 514/603.(
*** 514/604.000; 546/194.000; 546/213.000; 546/332.000; 549/438.(
*** 560/013.000; 562/430.000; 564/086.000; 564/090.000***
IC [7]
*** ICM: A61K031-44***
*** ICS: C07D401-02***
***EXF 546/194; 546/213; 546/332; 549/438; 560/13; 562/430; 564/86; 564/90
*** 514/318; 514/326; 514/357; 514/464; 514/602; 514/603; 514/604***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 205 OF 408 USPATFULL on STN ***
AN 2003:53885 USPATFULL
TI Precerebellin-like protein
IN Young, Paul, Gaithersburg, MD, United States
*** Greene, John M., Gaithersburg, MD, United States***
*** Ferrie, Ann M., Tewksbury, MA, United States***
*** Ruben, Steven M., Olney, MD, United States***
*** Rosen, Craig A., Laytonsville, MD, United States***
*** Hu, Jing-Shan, Sunnyvale, CA, United States***
*** Olsen, Henrik S., Gaithersburg, MD, United States***
*** Ebner, Reinhard, Gaithersburg, MD, United States***
*** Brewer, Laurie A., St. Paul, MN, United States***
*** Moore, Paul A., Germantown, MD, United States***
*** Shi, Yanggu, Gaithersburg, MD, United States***
*** Florence, Charles, Rockville, MD, United States***
*** Florence, Kimberly, Rockville, MD, United States***
*** Lafleur, David W., Washington, DC, United States***
*** Ni, Jian, Rockville, MD, United States***
*** Fan, Ping, Gaithersburg, MD, United States***
*** Wei, Ying-Fei, Berkeley, CA, United States***
*** Fischer, Carrie L., Burke, VA, United States***
*** Soppet, Daniel R., Centreville, VA, United States***
*** Li, Yi, Sunnyvale, CA, United States***
*** Zeng, Zhizhen, Gaithersburg, MD, United States***
*** Kyaw, Hla, Frederick, MD, United States***
*** Yu, Guo-Liang, Berkeley, CA, United States***

```
***        Dillon, Patrick J., Carlsbad, CA, United States***
***        Endress, Gregory A., Potomac, MD, United States***
***        Carter, Kenneth C., North Potomac, MD, United States***
***PA      Human Genome Sciences, Inc., Rockville, MD, United States (U.S.***
***        corporation)***
***PI      US 6525174          B1    20030225***
***AI      US 1998-205258              19981204 (9)***
***RLI     Continuation-in-part of Ser. No. WO 1998-US11422, filed on 4 Jun 19

***DT      Utility***
***FS      GRANTED***
***LN.CNT 16937***
***INCL    INCLM: 530/350.000***
***        INCLS: 435/069.100; 514/002.000***
***NCL     NCLM:  530/350.000***
***        NCLS:  435/069.100***
***IC      [7]***
***        ICM: C07K014-47***
***        ICS: A61K038-18; C12P021-00***
***EXF     530/350; 435/7.21; 435/69.1; 514/2***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 206 OF 408  USPATFULL on STN ***
***AN      2003:33487  USPATFULL***
***TI      Compounds, methods and pharmaceutical compositions for treating neu
***        or cardiovascular tissue damage***
***IN      Li, Jia-He, Cockeysville, MD, United States***
***        Zhang, Jie, Ellicott City, MD, United States***
***        Jackson, Paul F., Bel Air, MD, United States***
***        Maclin, Keith M., Baltimore, MD, United States***
***PA      Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S.**
***        corporation)***
***PI      US 6514983          B1    20030204***
***AI      US 1998-145181              19980901 (9)***
***RLI     Continuation-in-part of Ser. No. US 1998-47502, filed on 25 Mar 199
***        now patented, Pat. No. US 6306889 Continuation-in-part of Ser. No.
***        1997-922548, filed on 3 Sep 1997, now patented, Pat. No. US 6346536
***DT      Utility***
***FS      GRANTED***
***LN.CNT 3587***
***INCL    INCLM: 514/285.000***
***        INCLS: 514/183.000; 514/410.000; 546/061.000; 546/062.000; 546/066.
***               548/421.000***
***NCL     NCLM:  514/285.000***
***        NCLS:  514/183.000; 514/410.000; 546/061.000; 546/062.000; 546/066.
***               548/421.000***
***IC      [7]***
***        ICM: A61K031-47***
***        ICS: C07D217-22; C07D217-18; C07D401-04***
***EXF     546/61; 546/62; 546/66; 514/183; 514/288; 514/298; 514/285; 514/410
***        548/421***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 207 OF 408  USPATFULL on STN ***
***AN      2003:20126  USPATFULL***
***TI      Human tumor necrosis factor receptor-like proteins TR11, TR11SV1, a
***        TR11SV2***
***IN      Ni, Jian, Rockville, MD, United States***
***        Ruben, Steven M., Olney, MD, United States***
***PA      Human Genome Sciences, Inc., Rockville, MD, United States (U.S.***
***        corporation)***
***PI      US 6509173          B1    20030121***
***AI      US 1998-176200              19981021 (9)***
***PRAI    US 1997-63212P       19971021 (60)***
***DT      Utility***
***FS      GRANTED***
***LN.CNT 5791***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/320.100; 435/325.000; 435/395.000; 530/300.000; 530/350.
***               530/395.000; 436/001.110; 436/018.700; 436/022.100; 436/023.
***               436/023.500***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/320.100; 435/325.000; 435/395.000; 530/300.000; 530/350.
***               530/395.000; 536/001.110; 536/018.700; 536/022.100; 536/023.
***               536/023.500***
```

```
***       ICM: C12P021-06***
***       ICS: C12N015-00; C12N015-09; C12N015-63; C12N015-70***
***EXF    536/23.5; 536/1.11; 536/18.7; 536/22.1; 536/23.1; 435/69.1; 435/320
***       435/325; 530/395; 530/300; 530/350***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 208 OF 408  USPATFULL on STN ***
***AN     2003:6434  USPATFULL***
***TI     Human tumor necrosis factor receptor-like proteins TR11, TR11SV1 an
***       TR11SV2***
***IN     Ni, Jian, Rockville, MD, United States***
***       Ruben, Steven M., Olney, MD, United States***
***PA     Human Genome Sciences, Inc., Rockville, MD, United States (U.S.***
***       corporation)***
***PI     US 6503184          B1   20030107***
***AI     US 2000-512363           20000223 (9)***
***RLI    Continuation-in-part of Ser. No. US 1998-176200, filed on 21 Oct 19
***PRAI   US 1999-121648P     19990224 (60)***
***       US 1999-134172P     19990513 (60)***
***       US 1999-144076P     19990716 (60)***
***       US 1997-63212P      19971021 (60)***
***DT     Utility***
***FS     GRANTED***
***LN.CNT 11041***
***INCL   INCLM: 574/012.000***
***       INCLS: 514/002.000***
***NCL    NCLM:  514/012.000***
***       NCLS:  514/002.000***
***IC     [7]***
***       ICM: A61K038-00***
***EXF    514/2; 514/12; 424/278.1; 424/283.1; 424/178.1; 424/184.1; 424/185.
***       424/192.1; 424/198.1***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 209 OF 408  WPIDS  COPYRIGHT 2004 THE THOMSON CORP on STN ***
***AN   2003-505145 [47]   WPIDS***
***DNC  C2003-135006***
***TI   New synthetic immunogenic but non-deposit forming peptides, useful fo
***       inducing an immune response to prions, amyloids, amylin or amylin fib
***       particularly for treating e.g. Alzheimer's, scrapie or Creutzfeldt-Ja
***       disease.***
***DC   B04 D16***
***IN   FRANGIONE, B; SIGURDSSON, E M; WISNIEWSKI, T***
***PA   (UYNY) UNIV NEW YORK STATE***
***CYC  100***
***PI   WO 2003045128   A2 20030605 (200347)* EN  265     C07K000-00***
***        RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS
***            MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW ***
***         W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE
***            DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
***            KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL
***            RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA
***            ZW ***
***     US 2003166558   A1 20030904 (200359)              A61K038-16***
***     AU 2002357007   A1 20030610 (200419)              C07K000-00***
***ADT  WO 2003045128 A2 WO 2002-US37634 20021121; US 2003166558 A1 Provisiona
***     2001-331801P 20011121, US 2002-301488 20021121; AU 2002357007 A1 AU**
***     2002-357007 20021121***
***FDT  AU 2002357007 A1 Based on WO 2003045128***
***PRAI US 2001-331801P      20011121; US 2002-301488       20021121***
***IC   ICM  A61K038-16; C07K000-00***
***     ICS  A61K038-08; A61K038-10; C07K007-06; C07K007-08; C07K014-00***
***   ***
***L4   ANSWER 210 OF 408  IFIPAT  COPYRIGHT 2004 IFI on STN DUPLICATE 8***
***AN    10133666  IFIPAT;IFIUDB;IFICDB***
***TI    SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO**
***       ***AMYLOID***     ***BETA***   FOR INDUCTION OF AN IMMUNE RESPONSE T
      ***AMYLOID***     ***BETA***   AND AMYLOID DEPOSITS; FOR REDUCING THE
     FORMATION OF AMYLOID FIBRILS AND DEPOSITS
IN    Frangione Blas; Sigurdsson Einar M; Wisniewski Thomas
PA    New York University (59449)
PI    US 2002077288   A1  20020620
AI    US 2001-861847      20010522
PRAI  US 1996-16233P      19960426 (Provisional)
FI    US 2002077288       20020620
```

DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 47
GI 6 Figure(s).

FIG. 1 shows the results of a thioflavin T fluorometric assay. Fibril formation of A beta 1-42, A beta 1-30-NH2, and K6A beta 1-30-NH2 (SEQ ID NO:6) was measured in vitro following incubation at 37 degrees C. K6A beta 1-30-NH2 was the only peptide that did not form fibrils at any of the time points.

FIGS. 2A and 2B show that A beta 40 and A beta 42 are toxic to human neuroblastoma cells (SK-N-SH) in culture as determined by the MTT assay, whereas K6A beta 30-NH2 has no effect at 2 days (FIG. 2A) and is slightly trophic at 6 days (FIG. 2B). *p lessthan 0.05; **p less-than 0.01; ***p less-than 0.001 compared to VEH group (one-way ANOVA).

FIGS. 3A-3D show coronal sections (X50; original magnification) stained with 6E10 against A beta, through the hippocampus and cortex in a Tg control-(Fig. 3A) and K6A beta 1-30-treated (FIG. 3B) Tg mouse. FIGS. 3C and 3D are adjacent sections (X100) double stained for interleukin-1 that recognizes microglia, and A beta . Note the reduction of amyloid burden in the immunized mouse (FIG. 3B), and the lack of ramified microglia (FIG. 3D) surrounding A beta plaque in the same mouse, compared to a control mouse (FIG. 3A, 3C). The bars in FIGS. 3A and 3C are 100 mu m. Abbreviations: hip=hippocampus; cx=cortex; cc=corpus callosum.

FIGS. 4A-4C show the reduction in cortical (FIG. 4A) and hippocampal (FIG. 4B) amyloid burden (6E10) following 7 months treatment with K6A beta 1-30-NH2. There is an 89% reduction in cortical amyloid burden (*p=0.0002; t-test; n=4 per group) and an 81% reduction in hippocampal amyloid burden (*p=0.0001). Soluble A beta 1-42 levels (FIG. 4C) are reduced by 57% within the brains of the vaccinated mice (*p=0.0019).

FIG. 5 shows the results of a thioflavin T fluorometric assay. Fibril formation of A beta 1-42, A beta 1-40, A beta 1-30-NH2, A beta 1-30K6, A beta 1-30-NH2(EE18,19) and A beta 1-30-NH2(DD, 18,19) was measured in vitro following incubation at 37 degrees C.

FIGS. 6A and 6B show the results of MTT cell toxicity assay. Neurotoxicity of A beta 1-42, A beta 1-40, A beta 1-30-NH21 K6A beta 1-30-NH2, A beta 1-30K6, A beta 1-30-NH2(EE18,19) and A beta 1-30-NH2(DD18,19) was determined following treatment of human neuroblastoma cells (SK-N-SH) for 2 (FIG. 6A) and 6 (FIG. 6B) days. *p less-than 0.05; **p less-than 0.01; ***p less-than 0.001 compared to VEH group (one-way ANOVA) ***

*** ***
L4 ANSWER 211 OF 408 USPATFULL on STN DUPLICATE 9
AN 2002:185613 USPATFULL
***TI Human tumor, necrosis factor receptor-like proteins TR11, TR11SV1 a
*** TR11SV2***
IN Ni, Jian, Germantown, MD, UNITED STATES
*** Ruben, Steven M., Olney, MD, UNITED STATES***
PA Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)
PI US 2002098525 A1 20020725
*** US 6689607 B2 20040210***
AI US 2001-915593 A1 20010727 (9)
***RLI Continuation-in-part of Ser. No. US 2000-512363, filed on 23 Feb 20
*** PENDING Continuation-in-part of Ser. No. US 1998-176200, filed on 2
*** 1998, PENDING***
PRAI US 2000-221577P 20000728 (60)
*** US 1999-144076P 19990716 (60)***
*** US 1999-134172P 19990513 (60)***
*** US 1999-121648P 19990224 (60)***
*** US 1997-63212P 19971021 (60)***
DT Utility
FS APPLICATION
LN.CNT 12618
INCL INCLM: 435/007.900
*** INCLS: 530/388.220***
NCL NCLM: 435/331.000
*** NCLS: 435/007.100; 435/326.000; 435/328.000; 435/330.000; 435/334.
*** 435/343.200; 435/344.100; 530/387.100; 530/387.300; 530/387.
*** 530/387.900; 530/388.100; 530/388.150; 530/388.220; 530/388.
*** 530/388.800; 530/388.850; 530/389.100; 530/389.700; 530/391.
*** 530/391.300***
IC [7]
*** ICM: G01N033-542***
*** ICS: G01N033-53; C07K016-28***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***

```
***AN      2002:165193  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002086822      A1   20020704***
***       US 2003139327      A9   20030724***
***AI      US 2001-764886     A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 20931***
***INCL    INCLM: 514/012.000***
***       INCLS: 435/069.100; 435/325.000; 435/320.100; 435/183.000; 536/023.1
***NCL     NCLM:  514/012.000***
***       NCLS:  435/069.100; 435/325.000; 435/320.100; 435/183.000; 536/023.1
***IC      [7]***
***       ICM: A61K038-17***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 213 OF 408  USPATFULL on STN                  DUPLICATE 11***
***AN      2002:165192  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002086821      A1   20020704***
***       US 2003125246      A9   20030703***
***AI      US 2001-764881     A1   20010117 (9)***
***PRAI    US 2000-179065P     20000131 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 27531***
***INCL    INCLM: 514/012.000***
***       INCLS: 536/023.100; 435/069.100; 435/183.000; 435/320.100; 435/325.0
***NCL     NCLM:  514/012.000***
***       NCLS:  536/023.100; 435/069.100; 435/183.000; 435/320.100; 435/325.0
***IC      [7]***
***       ICM: A61K038-17***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 214 OF 408  USPATFULL on STN                  DUPLICATE 12***
***AN      2002:165191  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002086820      A1   20020704***
***       US 2003092611      A9   20030515***
***AI      US 2001-764862     A1   20010117 (9)***
***PRAI    US 2000-179065P     20000131 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 17727***
***INCL    INCLM: 514/012.000***
***       INCLS: 536/023.100; 435/069.100; 435/320.100; 435/325.000; 435/183.0
***NCL     NCLM:  514/012.000***
***       NCLS:  536/023.100; 435/069.100; 435/320.100; 435/325.000; 435/183.0
***IC      [7]***
***       ICM: A61K038-17***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 215 OF 408  USPATFULL on STN                  DUPLICATE 13***
***AN      2002:165182  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002086811      A1   20020704***
***       US 2003171252      A9   20030911***
***AI      US 2001-764861     A1   20010117 (9)***
```

```
***LN.CNT 22023***
***INCL    INCLM: 514/001.000***
***        INCLS: 435/006.000; 435/069.100; 435/325.000; 435/320.100; 536/023.2
***NCL     NCLM:  514/001.000***
***        NCLS:  435/006.000; 435/069.100; 435/325.000; 435/320.100; 536/023.2
***IC      [7]***
***        ICM: A61K031-00***
***        ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 216 OF 408  USPATFULL on STN                    DUPLICATE 14***
***AN      2002:164735  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002086353       A1   20020704***
***        US 2004101927       A9   20040527***
***AI      US 2001-764856      A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 23314***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/325.000; 435/320.100; 536/023.200***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/325.000; 435/320.100; 536/023.200***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C07H021-04; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 217 OF 408  USPATFULL on STN                    DUPLICATE 15***
***AN      2002:156701  USPATFULL***
***TI      Methods and compositions of matter concerning APRIL/G70, BCMA,***
***        BLYS/AGP-3 and TACI***
***IN      Theill, Lars Eyde, Thousand Oaks, CA, UNITED STATES***
***        Yu, Gang, Thousand Oaks, CA, UNITED STATES***
***PI      US 2002081296       A1   20020627***
***        US 6774106          B2   20040810***
***AI      US 2001-854864      A1   20010514 (9)***
***PRAI    US 2000-204039P      20000512 (60)***
***        US 2000-214591P      20000627 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2383***
***INCL    INCLM: 424/144.100***
***        INCLS: 424/155.100***
***NCL     NCLM:  514/012.000***
***        NCLS:  424/185.100; 424/192.100***
***IC      [7]***
***        ICM: A61K039-395***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 218 OF 408  USPATFULL on STN                    DUPLICATE 16***
***AN      2002:133468  USPATFULL***
***TI      32 human secreted proteins***
***IN      Ni, Jian, Germantown, MD, UNITED STATES***
***        Baker, Kevin P., Darnestown, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Fiscella, Michele, Bethesda, MD, UNITED STATES***
***        Komatsoulis, George A., Silver Spring, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Wei, Ping, Brookeville, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***PI      US 2002068319       A1   20020606***
***        US 6605592          B2   20030812***
***AI      US 2001-800729      A1   20010308 (9)***
```

```
***        UNKNOWN***
***PRAI    US 1999-155709P     19990924 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 36956***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/007.100; 435/325.000; 435/183.000; 536/023.500; 530/388.
***NCL     NCLM:  514/002.000***
***        NCLS:  435/069.100; 435/071.100; 435/071.200; 435/252.300; 435/254.
***               435/320.100; 435/325.000; 435/471.000; 514/008.000; 514/012.
***               530/350.000***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12N005-06; G01N033-53; C07H021-04; C12N009-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 219 OF 408  USPATFULL on STN                  DUPLICATE 17***
***AN      2002:67251  USPATFULL***
***TI      Substituted 4,9-dihydrocyclopent a [imn] phenanthridine-5-ones,***
***        derivatives thereof and their uses***
***IN      Li, Jia-He, Cockeysville, MD, UNITED STATES***
***        Zhang, Jie, Ellicott City, MD, UNITED STATES***
***        Kalish, Vincent J., Annapolis, MD, UNITED STATES***
***PI      US 2002037904       A1   20020328***
***        US 6545011          B2   20030408***
***AI      US 2001-895262      A1   20010702 (9)***
***PRAI    US 2000-218037P      20000713 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2628***
***INCL    INCLM: 514/288.000***
***        INCLS: 546/066.000***
***NCL     NCLM:  514/284.000***
***        NCLS:  514/232.800; 514/253.020; 514/288.000; 544/125.000; 544/361.
***               546/062.000; 546/066.000; 546/070.000; 546/076.000***
***IC      [7]***
***        ICM: A61K031-4745***
***        ICS: A61K031-4741; C07D471-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 220 OF 408  USPATFULL on STN                  DUPLICATE 18***
***AN      2002:48011  USPATFULL***
***TI      Common gamma chain blocking agents***
***IN      Burkly, Linda C., West Newton, MA, UNITED STATES***
***        Benjamin, Christopher D., Beverly, MA, UNITED STATES***
***        Hession, Catherine, Hingham, MA, UNITED STATES***
***        Whitty, Adrian, Franklin, MA, UNITED STATES***
***PI      US 2002028202       A1   20020307***
***        US 6770745          B2   20040803***
***AI      US 2001-824286      A1   20010402 (9)***
***RLI     Continuation of Ser. No. US 1998-189129, filed on 10 Nov 1998, PEND
***        Continuation of Ser. No. WO 1997-US7870, filed on 9 May 1997, UNKNO
***PRAI    US 1996-17466P       19960510 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 3485***
***INCL    INCLM: 424/143.100***
***        INCLS: 424/130.100; 424/133.100; 536/023.500; 530/387.500; 530/387.
***               530/388.220***
***NCL     NCLM:  530/388.220***
***        NCLS:  435/344.000***
***IC      [7]***
***        ICM: C07H021-04***
***        ICS: A61K039-395; A61K039-40; A61K039-42; C12P021-08; C07K016-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 221 OF 408  USPATFULL on STN                  DUPLICATE 19***
***AN      2002:43671  USPATFULL***
***TI      49 human secreted proteins***
***IN      Moore, Paul A., Germantown, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
```

```
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Endress, Gregory A., Potomac, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Komatsoulis, George, Silver Spring, MD, UNITED STATES***
***        Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***PI      US 2002026040      A1   20020228***
***        US 6566325         B2   20030520***
***AI      US 2001-904615     A1   20010716 (9)***
***RLI     Continuation of Ser. No. US 2000-739254, filed on 19 Dec 2000, PEND
***        Continuation of Ser. No. US 2000-511554, filed on 23 Feb 2000, ABAN
***        Continuation-in-part of Ser. No. WO 1999-US19330, filed on 24 Aug 1
***        UNKNOWN***
***PRAI    US 1998-97917P      19980825 (60)***
***        US 1998-98634P      19980831 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 19401***
***INCL    INCLM: 536/023.100***
***        INCLS: 435/006.000; 530/300.000***
***NCL     NCLM:  514/002.000***
***        NCLS:  530/300.000; 530/350.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-02; C07H021-04; C07K002-00; C07K004-00; C07K005-00;***
***        C07K007-00; C07K014-00; C07K016-00; C07K017-00; A61K038-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 222 OF 408  USPATFULL on STN                    DUPLICATE 20***
***AN      2002:12546  USPATFULL***
***TI      Sulfonamide and carbamide derivatives of 6(5H)phenanthridinones and
***        their uses***
***IN      Li, Jia-He, Cockeysville, MD, UNITED STATES***
***        Kalish, Vincent J., Annapolis, MD, UNITED STATES***
***        Zhang, Jie, Ellicott City, MD, UNITED STATES***
***        Serdyuk, Larisa E., Baltimore, MD, UNITED STATES***
***        Ferraris, Dana Victor, Towson, MD, UNITED STATES***
***        Xiao, Ge, Baltimore, MD, UNITED STATES***
***        Kletzly, Paul W., Arlington, VA, UNITED STATES***
***PI      US 2002006927      A1   20020117***
***        US 6723733         B2   20040420***
***AI      US 2001-854455     A1   20010515 (9)***
***PRAI    US 2000-205259P     20000519 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2682***
***INCL    INCLM: 514/253.030***
***        INCLS: 514/290.000; 544/361.000; 546/108.000***
***NCL     NCLM:  514/298.000***
***        NCLS:  514/232.800; 514/253.030; 544/126.000; 544/361.000; 546/108.(
***IC      [7]***
***        ICM: C07D221-12***
***        ICS: C07D041-02; A61K031-496; A61K031-473***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 223 OF 408  USPATFULL on STN ***
***AN      2002:323332  USPATFULL***
***TI      26 human secreted proteins***
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***        Soppet, Daniel R., Laytonsville, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Olsen, Henrik, Gaithersburg, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Young, Paul, Gaithersburg, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)***
***PI      US 2002183503      A1   20021205***
***AI      US 2002-42141      A1   20020111 (10)***
***RLI     Continuation of Ser. No. US 2000-726643, filed on 1 Dec 2000, PENDI
***        Continuation-in-part of Ser. No. WO 2000-US15187, filed on 2 Jun 20
***        UNKNOWN***
```

DT Utility
FS APPLICATION
LN.CNT 20367
INCL INCLM: 536/023.200
*** INCLS: 435/006.000; 435/183.000; 435/069.100; 435/320.100; 435/325.(
NCL NCLM: 536/023.200
*** NCLS: 435/006.000; 435/183.000; 435/069.100; 435/320.100; 435/325.(
IC [7]
*** ICM: C07H021-04***
*** ICS: C12Q001-68; C12N009-00; C12P021-02; C12N005-06***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 224 OF 408 USPATFULL on STN ***
AN 2002:322097 USPATFULL
***TI Anti-inflammatory agents and methods for their preparation and use*:
IN Mak, Vivien H.W., Palo Alto, CA, UNITED STATES
*** Francoeur, Michael L., Cupertino, CA, UNITED STATES***
*** Chavdarian, Charles G., San Ramon, CA, UNITED STATES***
*** Parks, Thomas P., San Mateo, CA, UNITED STATES***
*** Lee, Jung-Chung, Sunnyvale, CA, UNITED STATES***
*** Lee, Charles, Union City, CA, UNITED STATES***
***PA Cellegy Pharmaceuticals, Inc., South San Francisco, CA, 94080 (U.S.:
*** corporation)***
PI US 2002182260 A1 20021205
AI US 2002-96968 A1 20020311 (10)
***RLI Continuation of Ser. No. US 1999-322138, filed on 28 May 1999, PEND:
*** Continuation-in-part of Ser. No. US 1998-87744, filed on 29 May 199!
*** ABANDONED***
DT Utility
FS APPLICATION
LN.CNT 3449
INCL INCLM: 424/522.000
*** INCLS: 424/776.000***
NCL NCLM: 424/522.000
*** NCLS: 424/776.000***
IC [7]
*** ICM: A61K035-78***
*** ICS: A61K035-12***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 225 OF 408 USPATFULL on STN ***
AN 2002:308329 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
*** Ruben, Steven M., Olney, MD, UNITED STATES***
*** Barash, Steven C., Rockville, MD, UNITED STATES***
PI US 2002173454 A1 20021121
AI US 2001-764904 A1 20010117 (9)

DT Utility
FS APPLICATION
LN.CNT 21956
INCL INCLM: 514/012.000
*** INCLS: 536/023.200; 435/069.300; 435/183.000; 435/006.000; 435/007.:
*** 435/325.000; 435/320.100***
NCL NCLM: 514/012.000
*** NCLS: 536/023.200; 435/069.300; 435/183.000; 435/006.000; 435/007.:
*** 435/325.000; 435/320.100***
IC [7]
*** ICM: A61K038-17***
*** ICS: C12Q001-68; G01N033-574; C07H021-04; C12N009-00; C12P021-02;**:
*** C12N005-06***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 226 OF 408 USPATFULL on STN ***
AN 2002:307870 USPATFULL
TI 28 human secreted proteins
IN Ruben, Steven M., Olney, MD, UNITED STATES
*** Rosen, Craig A., Laytonsville, MD, UNITED STATES***
*** Li, Yi, Sunnyvale, CA, UNITED STATES***
*** Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
*** Kyaw, Hla, Frederick, MD, UNITED STATES***
*** Fischer, Carrie L., Burke, VA, UNITED STATES***
*** Li, Haodong, Gaithersburg, MD, UNITED STATES***
*** Soppet, Daniel R., Centreville, VA, UNITED STATES***

```
***        Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Greene, John M., Gaithersburg, MD, UNITED STATES***
***        Ferrie, Ann M., Tewksbury, MA, UNITED STATES***
***PI      US 2002172994       A1   20021121***
***AI      US 2001-852797      A1   20010511 (9)***
***RLI     Continuation-in-part of Ser. No. US 1998-152060, filed on 11 Sep 19
***        PENDING Continuation-in-part of Ser. No. WO 1998-US4858, filed on 1
***        1998, UNKNOWN***
***PRAI    US 2001-265583P      20010202 (60)***
***        US 1997-40762P       19970314 (60)***
***        US 1997-40710P       19970314 (60)***
***        US 1997-50934P       19970530 (60)***
***        US 1997-48100P       19970530 (60)***
***        US 1997-48357P       19970530 (60)***
***        US 1997-48189P       19970530 (60)***
***        US 1997-57765P       19970905 (60)***
***        US 1997-48970P       19970606 (60)***
***        US 1997-68368P       19971219 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT  17794***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/226.000; 435/325.000; 435/320.100; 536/023.200***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/226.000; 435/325.000; 435/320.100; 536/023.200***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12N005-06; C07H021-04; C12N009-64***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 227 OF 408  USPATFULL on STN ***
***AN      2002:307554  USPATFULL***
***TI      Method for down-regulating IgE***
***IN      Klysner, Steen, Horsholm, DENMARK***
***        von Hoegen, Paul, Horsholm, DENMARK***
***        Voldborg, Bjorn, Horsholm, DENMARK***
***        Gautam, Anand, Horsholm, DENMARK***
***PA      Pharmexa A/S, Horsholm, DENMARK, DK-2970 (non-U.S. corporation)***
***PI      US 2002172673       A1   20021121***
***AI      US 2001-949375      A1   20010906 (9)***
***PRAI    DK 2000-1326         20000906***
***        US 2000-232831P      20000915 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT  3731***
***INCL    INCLM: 424/131.100***
***NCL     NCLM:  424/131.100***
***IC      [7]***
***        ICM: A61K039-395***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 228 OF 408  USPATFULL on STN ***
***AN      2002:301185  USPATFULL***
***TI      Human endokine alpha and methods of use***
***IN      Yu, Guo-Liang, Berkeley, CA, UNITED STATES***
***        Ni, Jian, Rockville, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***PA      Human Genome Sciences, Inc. (U.S. corporation)***
***PI      US 2002168729       A1   20021114***
***AI      US 2002-136511      A1   20020502 (10)***
***RLI     Division of Ser. No. US 2000-513584, filed on 25 Feb 2000, GRANTED,
***        No. US 6406867 Division of Ser. No. US 1999-345790, filed on 1 Jul
***        PENDING Division of Ser. No. US 1997-912227, filed on 15 Aug 1997,*
***        GRANTED, Pat. No. US 5998171***
***PRAI    US 1999-136788P      19990528 (60)***
***        US 1999-122099P      19990226 (60)***
***        US 1996-24058P       19960816 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT  9011***
***INCL    INCLM: 435/069.500***
***        INCLS: 435/320.100; 435/325.000; 530/351.000; 536/023.500***
***NCL     NCLM:  435/069.500***
```

```
***IC     [7]***
***       ICM: C07K014-525***
***       ICS: C07H021-04; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 229 OF 408  USPATFULL on STN ***
***AN     2002:301167  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI     US 2002168711      A1   20021114***

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 31967***
***INCL   INCLM: 435/069.100***
***       INCLS: 435/325.000; 435/320.100; 435/183.000; 530/350.000; 536/023.1
***NCL    NCLM:  435/069.100***
***       NCLS:  435/325.000; 435/320.100; 435/183.000; 530/350.000; 536/023.1
***IC     [7]***
***       ICM: C12P021-02***
***       ICS: C12N005-06; C07H021-04; C12N009-00; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 230 OF 408  USPATFULL on STN ***
***AN     2002:295324  USPATFULL***
***TI     Secreted protein HFEAF41***
***IN     Young, Paul, Gaithersburg, MD, UNITED STATES***
***       Greene, John M., Gaithersburg, MD, UNITED STATES***
***       Ferrie, Ann M., Tewksburg, MA, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Duan, Roxanne, Bethesda, MD, UNITED STATES***
***       Hu, Jing-Shan, Sunnyvale, CA, UNITED STATES***
***       Florence, Kimberly, Rockville, MD, UNITED STATES***
***       Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***       Brewer, Lauie A., St. Paul, MN, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***       Lafleur, David W., Washington, DC, UNITED STATES***
***       Ni, Jian, Rockville, MD, UNITED STATES***
***PI     US 2002165374      A1   20021107***
***AI     US 2001-984245     A1   20011029 (9)***
***RLI    Division of Ser. No. US 1998-154707, filed on 17 Sep 1998, PENDING*
***       Continuation-in-part of Ser. No. WO 1998-US5311, filed on 19 Mar 19
***       UNKNOWN***

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 15075***
***INCL   INCLM: 536/023.100***
***       INCLS: 435/006.000; 435/007.100; 435/069.100; 435/183.000; 435/320.1
***              435/325.000***
***NCL    NCLM:  536/023.100***
***       NCLS:  435/006.000; 435/007.100; 435/069.100; 435/183.000; 435/320.1
***              435/325.000***
***IC     [7]***
***       ICM: C07H021-04***
***       ICS: C12Q001-68; G01N033-53; C12N009-00; C12N005-06; C12P021-02***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 231 OF 408  USPATFULL on STN ***
***AN     2002:295092  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Birse, Charles E., North Potomac, MD, UNITED STATES***
***PA     Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U
***       corporation)***
***PI     US 2002165137      A1   20021107***
***AI     US 2001-860670     A1   20010521 (9)***
***RLI    Continuation-in-part of Ser. No. WO 2001-US1346, filed on 17 Jan 20
```

DT Utility
FS APPLICATION
LN.CNT 20253
INCL INCLM: 514/012.000
*** INCLS: 435/069.100; 435/325.000; 435/320.100; 435/183.000; 530/350.(
*** 536/023.200***
NCL NCLM: 514/012.000
*** NCLS: 435/069.100; 435/325.000; 435/320.100; 435/183.000; 530/350.(
*** 536/023.200***
IC [7]
*** ICM: A61K038-17***
*** ICS: C12Q001-68; C07H021-04; C12N009-00; C12N005-06; C12P021-02;***
*** C07K014-435***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 232 OF 408 USPATFULL on STN ***
AN 2002:288336 USPATFULL
TI Nucleic acids, proteins, and antibodies
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
*** Ruben, Steven M., Olney, MD, UNITED STATES***
*** Barash, Steven C., Rockville, MD, UNITED STATES***
PI US 2002161208 A1 20021031
AI US 2001-764884 A1 20010117 (9)
PRAI US 2000-179065P 20000131 (60)
DT Utility
FS APPLICATION
LN.CNT 18396
INCL INCLM: 536/023.100
NCL NCLM: 536/023.100
IC [7]
*** ICM: C07H021-02***
*** ICS: C07H021-04***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 233 OF 408 USPATFULL on STN ***
AN 2002:288114 USPATFULL
***TI Fused tricyclic compounds, methods and compositions for inhibiting
*** activity***
IN Li, Jia-He, Cockeysville, MD, UNITED STATES
*** Zhang, Jie, Ellicott City, MD, UNITED STATES***
PA Guilford Pharmaceuticals Inc. (U.S. corporation)
PI US 2002160984 A1 20021031
AI US 2002-109645 A1 20020401 (10)
***RLI Continuation of Ser. No. US 1998-145184, filed on 1 Sep 1998, GRANTI
*** Pat. No. US 6380193 Continuation-in-part of Ser. No. US 1998-79510,
*** filed on 15 May 1998, ABANDONED***
DT Utility
FS APPLICATION
LN.CNT 3225
INCL INCLM: 514/080.000
*** INCLS: 514/295.000; 546/098.000; 546/023.000***
NCL NCLM: 514/080.000
*** NCLS: 514/295.000; 546/098.000; 546/023.000***
IC [7]
*** ICM: A61K031-675***
*** ICS: C07D221-04; A61K031-473***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 234 OF 408 USPATFULL on STN ***
AN 2002:280605 USPATFULL
***TI Carboxamine compounds, methods and compositions for inhibiting PARP
*** activity***
IN Li, Jia-He, Cockeysville, MD, UNITED STATES
*** Zhang, Jie, Ellicott City, MD, UNITED STATES***
PA Guilford Pharmaceuticals Inc. (U.S. corporation)
PI US 2002156050 A1 20021024
AI US 2002-109646 A1 20020401 (10)
***RLI Continuation of Ser. No. US 1998-145178, filed on 1 Sep 1998, GRANTI
*** Pat. No. US 6395749 Continuation-in-part of Ser. No. US 1998-79514,
*** filed on 15 May 1998, ABANDONED***
DT Utility
FS APPLICATION
LN.CNT 3539
INCL INCLM: 514/080.000

```
***              514/266.240; 514/314.000; 514/312.000; 544/014.000; 544/105.(
***              544/244.000; 544/284.000; 544/285.000; 546/153.000; 546/156.(
***NCL    NCLM:  514/080.000***
***       NCLS:  514/224.200; 514/230.500; 514/247.000; 514/266.200; 514/266.:
***              514/266.240; 514/314.000; 514/312.000; 544/014.000; 544/105.(
***              544/244.000; 544/284.000; 544/285.000; 546/153.000; 546/156.(
***IC     [7]***
***       ICM: A61K031-675***
***       ICS: A61K031-5415; A61K031-538; A61K031-517; A61K031-4709***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 235 OF 408  USPATFULL on STN ***
***AN     2002:280566  USPATFULL***
***TI     Compositions and methods for the therapy and diagnosis of colon can(
***IN     Jiang, Yuqiu, Kent, WA, UNITED STATES***
***       Harlocker, Susan L., Seattle, WA, UNITED STATES***
***       Secrist, Heather, Seattle, WA, UNITED STATES***
***       Wang, Aijun, Issaquah, WA, UNITED STATES***
***       Stolk, John A., Bothell, WA, UNITED STATES***
***PA     Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporat
***PI     US 2002156011      A1   20021024***
***AI     US 2002-46935      A1   20020115 (10)***
***RLI    Continuation-in-part of Ser. No. US 2001-878178, filed on 8 Jun 200:
***       PENDING***
***PRAI   US 2001-270216P     20010220 (60)***
***       US 2000-210899P     20000609 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 4098***
***INCL   INCLM: 514/012.000***
***       INCLS: 514/044.000; 530/350.000; 536/023.100***
***NCL    NCLM:  514/012.000***
***       NCLS:  514/044.000; 530/350.000; 536/023.100***
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: A61K048-00; C07H021-04; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 236 OF 408  USPATFULL on STN ***
***AN     2002:266261  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI     US 2002147140      A1   20021010***
***AI     US 2001-764877     A1   20010117 (9)***

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 33677***
***INCL   INCLM: 514/012.000***
***       INCLS: 530/350.000; 536/023.100; 435/006.000; 435/069.100; 435/183.(
***              435/325.000; 435/320.100***
***NCL    NCLM:  514/012.000***
***       NCLS:  530/350.000; 536/023.100; 435/006.000; 435/069.100; 435/183.(
***              435/325.000; 435/320.100***
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: C12Q001-68; C07H021-04; C12N005-06; C12P021-02; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 237 OF 408  USPATFULL on STN ***
***AN     2002:243562  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI     US 2002132753      A1   20020919***

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 37784***
***INCL   INCLM: 514/001.000***
***       INCLS: 536/023.100; 435/006.000; 435/069.100; 435/325.000; 435/320.:
***NCL    NCLM:  514/001.000***
```

```
***IC      [7]***
***        ICM: A61K031-00***
***        ICS: C12Q001-68; C07H021-02***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 238 OF 408  USPATFULL on STN ***
***AN      2002:243051  USPATFULL***
***TI      Compositions and methods for the therapy and diagnosis of ovarian ca
***IN      Algate, Paul A., Issaquah, WA, UNITED STATES***
***        Jones, Robert, Seattle, WA, UNITED STATES***
***        Harlocker, Susan L., Seattle, WA, UNITED STATES***
***PA      Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporat
***PI      US 2002132237      A1   20020919***
***AI      US 2001-867701     A1   20010529 (9)***
***PRAI    US 2000-207484P     20000526 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 25718***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/091.200***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/091.200***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C12P019-34***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 239 OF 408  USPATFULL on STN ***
***AN      2002:242791  USPATFULL***
***TI      Compositions and methods for the therapy and diagnosis of colon can
***IN      King, Gordon E., Shoreline, WA, UNITED STATES***
***        Meagher, Madeleine Joy, Seattle, WA, UNITED STATES***
***        Xu, Jiangchun, Bellevue, WA, UNITED STATES***
***        Secrist, Heather, Seattle, WA, UNITED STATES***
***PA      Corixa Corporation, Seattle, WA, UNITED STATES (U.S. corporation)**
***PI      US 2002131971      A1   20020919***
***AI      US 2001-33528      A1   20011226 (10)***
***RLI     Continuation-in-part of Ser. No. US 2001-920300, filed on 31 Jul 20
***        PENDING***
***PRAI    US 2001-302051P     20010629 (60)***
***        US 2001-279763P     20010328 (60)***
***        US 2000-223283P     20000803 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 8083***
***INCL    INCLM: 424/155.100***
***        INCLS: 536/023.200; 435/183.000; 435/069.100; 435/325.000; 435/320.
***NCL     NCLM:  424/155.100***
***        NCLS:  536/023.200; 435/183.000; 435/069.100; 435/325.000; 435/320.
***IC      [7]***
***        ICM: A61K039-395***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 240 OF 408  USPATFULL on STN ***
***AN      2002:221958  USPATFULL***
***TI      17 human secreted proteins***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Komatsoulis, George A., Silver Spring, MD, UNITED STATES***
***        Baker, Kevin P., Darnestown, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Wei, Ping, Brookeville, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Duan, D. Roxanne, Bethesda, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Choi, Gil H., Rockville, MD, UNITED STATES***
***        Fiscella, Michele, Bethesda, MD, UNITED STATES***
***        Ni, Jian, Germantown, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002120103      A1   20020829***
***AI      US 2001-915582     A1   20010727 (9)***
```

```
***        UNKNOWN***
***PRAI    US 2000-179065P      20000131 (60)***
***        US 2000-180628P      20000204 (60)***
***        US 2000-231968P      20000912 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 20680***
***INCL    INCLM: 530/350.000***
***        INCLS: 536/023.500; 514/012.000; 435/069.100; 435/325.000; 435/320.1
***               435/006.000; 530/388.100***
***NCL     NCLM:  530/350.000***
***        NCLS:  536/023.500; 514/012.000; 435/069.100; 435/325.000; 435/320.1
***               435/006.000; 530/388.100***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07K014-435; C07H021-04; A61K038-17; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 241 OF 408  USPATFULL on STN ***
***AN      2002:221777  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002119919        A1   20020829***
***AI      US 2001-764855       A1   20010117 (9)***
***PRAI    US 2000-179065P       20000131 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 19514***
***INCL    INCLM: 514/012.000***
***        INCLS: 536/023.100; 435/325.000; 435/320.100; 435/069.100; 435/183.(
***NCL     NCLM:  514/012.000***
***        NCLS:  536/023.100; 435/325.000; 435/320.100; 435/069.100; 435/183.(
***IC      [7]***
***        ICM: A61K038-17***
***        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 242 OF 408  USPATFULL on STN ***
***AN      2002:191573  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002102638        A1   20020801***
***AI      US 2001-764846       A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 22814***
***INCL    INCLM: 435/069.100***
***        INCLS: 530/350.000; 536/023.100; 435/325.000; 435/320.100***
***NCL     NCLM:  435/069.100***
***        NCLS:  530/350.000; 536/023.100; 435/325.000; 435/320.100***
***IC      [7]***
***        ICM: C07H021-04***
***        ICS: C12P021-02; C12N005-06; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 243 OF 408  USPATFULL on STN ***
***AN      2002:191539  USPATFULL***
***TI      Full-length human cDNAs encoding potentially secreted proteins***
***IN      Milne Edwards, Jean-Baptiste Dumas, Paris, FRANCE***
***        Bougueleret, Lydie, Petit Lancy, SWITZERLAND***
***        Jobert, Severin, Paris, FRANCE***
***PI      US 2002102604        A1   20020801***
***AI      US 2000-731872       A1   20001207 (9)***
***PRAI    US 1999-169629P       19991208 (60)***
***        US 2000-187470P       20000306 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 28061***
***INCL    INCLM: 435/007.100***
***        INCLS: 536/023.100; 530/350.000***
```

```
***       NCLS:  536/023.100; 530/350.000***
***IC     [7]***
***       ICM: G01N033-53***
***       ICS: C07H021-02; C07H021-04; C07K001-00; C07K014-00; C07K017-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 244 OF 408  USPATFULL on STN ***
***AN     2002:179163  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI     US 2002094953      A1   20020718***

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 21647***
***INCL   INCLM: 514/012.000***
***       INCLS: 435/069.100; 435/320.100; 536/023.100; 435/183.000; 435/325.(
***NCL    NCLM:  514/012.000***
***       NCLS:  435/069.100; 435/320.100; 536/023.100; 435/183.000; 435/325.(
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 245 OF 408  USPATFULL on STN ***
***AN     2002:178549  USPATFULL***
***TI     Vaccine for the prevention and treatment of alzheimer's and amyloid
***       related diseases***
***IN     Chalifour, Robert, Ile Bizard, CANADA***
***       Hebert, Lise, Brossard, CANADA***
***       Kong, Xianqi, Dollard-des-Oremaux, CANADA***
***       Gervais, Francine, Ile Bizard, CANADA***
***PI     US 2002094335      A1   20020718***
***AI     US 2001-867847     A1   20010529 (9)***
***RLI    Continuation-in-part of Ser. No. US 2000-724842, filed on 28 Nov 20(
***       PENDING***
***PRAI   US 1999-168594P     19991129 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 1946***
***INCL   INCLM: 424/185.100***
***NCL    NCLM:  424/185.100***
***IC     [7]***
***       ICM: A61K039-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 246 OF 408  USPATFULL on STN ***
***AN     2002:171925  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI     US 2002090674      A1   20020711***
***AI     US 2001-764903     A1   20010117 (9)***
***PRAI   US 2000-179065P     20000131 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 21376***
***INCL   INCLM: 435/069.100***
***       INCLS: 435/325.000; 435/320.100; 435/006.000; 435/183.000; 536/023.:
***NCL    NCLM:  435/069.100***
***       NCLS:  435/325.000; 435/320.100; 435/006.000; 435/183.000; 536/023.:
***IC     [7]***
***       ICM: C12P021-02***
***       ICS: C12N005-06; C12Q001-68; C07H021-04; C12N009-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 247 OF 408  USPATFULL on STN ***
***AN     2002:171924  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
```

```
***AI      US 2001-764898      A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 25258***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/325.000; 435/320.100; 435/006.000; 536/023.100***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/325.000; 435/320.100; 435/006.000; 536/023.100***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12P021-02; C12N005-06; C12N015-74***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 248 OF 408  USPATFULL on STN ***
***AN      2002:171923  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002090672       A1   20020711***
***AI      US 2001-764853      A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 35378***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/006.000; 435/007.100; 435/325.000; 435/320.100; 536/023.1
***NCL     NCLM:  435/069.100***
***        NCLS:  435/006.000; 435/007.100; 435/325.000; 435/320.100; 536/023.1
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12Q001-68; G01N033-53; C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 249 OF 408  USPATFULL on STN ***
***AN      2002:171866  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002090615       A1   20020711***
***AI      US 2001-764878      A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 19407***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.100***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 435/325.000; 435/320.100; 536/023.100***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-04; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 250 OF 408  USPATFULL on STN ***
***AN      2002:164712  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002086330       A1   20020704***
***AI      US 2001-764893      A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 25862***
***INCL    INCLM: 435/007.100***
***        INCLS: 536/023.100***
***NCL     NCLM:  435/007.100***
***        NCLS:  536/023.100***
***IC      [7]***
***        ICM: G01N033-53***
***        ICS: C07H021-02; C07H021-04***
```

```
*** ***
***L4   ANSWER 251 OF 408  USPATFULL on STN ***
***AN     2002:149131  USPATFULL***
***TI     28 human secreted proteins***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Li, Yi, Sunnyvale, CA, UNITED STATES***
***       Zeng, Zhizhen, Lansdale, PA, UNITED STATES***
***       Kyaw, Hla, Frederick, MD, UNITED STATES***
***       Fischer, Carrie L., Burke, VA, UNITED STATES***
***       Li, Haodong, Gaithersburg, MD, UNITED STATES***
***       Soppet, Daniel R., Centreville, VA, UNITED STATES***
***       Gentz, Reiner L., Rockville, MD, UNITED STATES***
***       Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Young, Paul E., Gaithersburg, MD, UNITED STATES***
***       Greene, John M., Gaithersburg, MD, UNITED STATES***
***       Ferrie, Ann M., Tewksbury, MA, UNITED STATES***
***PI     US 2002077287      A1   20020620***
***AI     US 2001-852659     A1   20010511 (9)***
***RLI    Continuation-in-part of Ser. No. US 1998-152060, filed on 11 Sep 19
***       UNKNOWN***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 17779***
***INCL   INCLM: 514/012.000***
***       INCLS: 435/325.000; 435/320.100; 435/069.100; 435/183.000; 530/350.(
***              536/023.200***
***NCL    NCLM:  514/012.000***
***       NCLS:  435/325.000; 435/320.100; 435/069.100; 435/183.000; 530/350.(
***              536/023.200***
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 252 OF 408  USPATFULL on STN ***
***AN     2002:149114  USPATFULL***
***TI     Nucleic acids, proteins, and antibodies***
***IN     Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***       Barash, Steven C., Rockville, MD, UNITED STATES***
***PI     US 2002077270      A1   20020620***
***AI     US 2001-764848     A1   20010117 (9)***

***DT     Utility***
***FS     APPLICATION***
***LN.CNT 20057***
***INCL   INCLM: 514/001.000***
***       INCLS: 435/006.000; 435/069.100; 435/325.000; 435/320.100; 536/023.1
***NCL    NCLM:  514/001.000***
***       NCLS:  435/006.000; 435/069.100; 435/325.000; 435/320.100; 536/023.1
***IC     [7]***
***       ICM: A61K031-00***
***       ICS: C12Q001-68; C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 253 OF 408  USPATFULL on STN ***
***AN     2002:148614  USPATFULL***
***TI     28 human secreted proteins***
***IN     Ruben, Steven M., Olney, MD, UNITED STATES***
***       Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***       Li, Yi, Sunnyvale, CA, UNITED STATES***
***       Zeng, ZhiZhen, Lansdale, PA, UNITED STATES***
***       Kyaw, Hla, Frederick, MD, UNITED STATES***
***       Fischer, Carrie L., Burke, VA, UNITED STATES***
***       Li, Haodong, Gaithersburg, MD, UNITED STATES***
***       Soppet, Daniel R., Centreville, VA, UNITED STATES***
***       Gentz, Reiner L., Rockville, MD, UNITED STATES***
***       Wei, Ying-Fei, Berkeley, CA, UNITED STATES***
***       Moore, Paul A., Germantown, MD, UNITED STATES***
***       Young, Paul E., Gaithersburg, MD, UNITED STATES***
***       Greene, John M., Gaithersburg, MD, UNITED STATES***
***       Ferrie, Ann M., Painted Post, NY, UNITED STATES***
***PI     US 2002076756      A1   20020620***
```

```
***PRAI    US 2001-265583P      20010202 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 17788***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/325.000; 435/320.100; 530/350.000; 536/023.500***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/325.000; 435/320.100; 530/350.000; 536/023.500***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12N005-06; C07H021-04; C07K014-435***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 254 OF 408  USPATFULL on STN ***
***AN      2002:126306  USPATFULL***
***TI      52 human secreted proteins***
***IN      Ni, Jian, Germantown, MD, UNITED STATES***
***        Baker, Kevin P., Darnestown, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Fiscella, Michele, Bethesda, MD, UNITED STATES***
***        Komatsoulis, George A., Silver Spring, MD, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Young, Paul E., Gaithersburg, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Duan, D. Roxanne, Bethesda, MD, UNITED STATES***
***        Olsen, Henrik S., Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Moore, Paul A., Germantown, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        Wei, Ping, Brookeville, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***PI      US 2002064818      A1   20020530***
***AI      US 2001-789561     A1   20010222 (9)***
***RLI     Continuation-in-part of Ser. No. WO 2000-US24008, filed on 31 Aug 2(
***        UNKNOWN***
***PRAI    US 1999-152317P      19990903 (60)***
***        US 1999-152315P      19990903 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 24623***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/006.000; 435/007.100; 536/023.100; 435/325.000***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/006.000; 435/007.100; 536/023.100; 435/325.000***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12Q001-68; G01N033-53; C07H021-04; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 255 OF 408  USPATFULL on STN ***
***AN      2002:119846  USPATFULL***
***TI      Human G-protein Chemokine receptor (CCR5) HDGNR10***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Roschke, Viktor, Rockville, MD, UNITED STATES***
***        Li, Yi, Sunnyvale, CA, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***PI      US 2002061834      A1   20020523***
***AI      US 2001-779880     A1   20010209 (9)***
***PRAI    US 2000-181258P      20000209 (60)***
***        US 2000-187999P      20000309 (60)***
***        US 2000-234336P      20000922 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 18667***
***INCL    INCLM: 514/001.000***
***        INCLS: 530/350.000; 536/023.500; 435/325.000; 435/320.100; 435/069.1
***NCL     NCLM:  514/001.000***
***        NCLS:  530/350.000; 536/023.500; 435/325.000; 435/320.100; 435/069.1
***IC      [7]***
***        ICM: A61K031-00***
***        ICS: C07H021-04; C07K014-705; C12N005-06; C12P021-02***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 256 OF 408  USPATFULL on STN ***
```

```
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002061521      A1   20020523***
***AI      US 2001-764869     A1   20010117 (9)***
***PRAI    US 2000-179065P     20000131 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 27967***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/069.100; 514/002.000; 536/023.100; 530/300.000***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/069.100; 514/002.000; 536/023.100; 530/300.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C12P021-06; A01N037-18; C07H021-00; A61K038-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 257 OF 408  USPATFULL on STN ***
***AN      2002:99410  USPATFULL***
***TI      Methods and compostions for the treatment and/or diagnosis of***
***        neurological diseases and disorders***
***IN      Solomon, Beka, Herzlia Pituach, ISRAEL***
***        Frenkel, Dan, Rehovot, ISRAEL***
***PI      US 2002052311      A1   20020502***
***AI      US 2001-808037     A1   20010315 (9)***
***RLI     Continuation-in-part of Ser. No. US 2000-629971, filed on 31 Jul 20(
***        PENDING Continuation-in-part of Ser. No. US 1999-473653, filed on 2!
***        1999, PENDING***
***PRAI    US 1999-152417P     19990903 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 4074***
***INCL    INCLM: 514/002.000***
***        INCLS: 424/093.210***
***NCL     NCLM:  514/002.000***
***        NCLS:  424/093.210***
***IC      [7]***
***        ICM: A61K048-00***
***        ICS: A61K038-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 258 OF 408  USPATFULL on STN ***
***AN      2002:85190  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Rubin, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002045230      A1   20020418***
***AI      US 2001-908711     A1   20010720 (9)***
***RLI     Continuation-in-part of Ser. No. WO 2001-US1360, filed on 17 Jan 20(
***        UNKNOWN Continuation-in-part of Ser. No. US 2001-764867, filed on 1
***        2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1344, file(
***        17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-76489
***        filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO**
***        2001-US1345, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of
***        No. US 2001-764888, filed on 17 Jan 2001, UNKNOWN Continuation-in-pa
***        of Ser. No. WO 2001-US1329, filed on 17 Jan 2001, UNKNOWN***
***        Continuation-in-part of Ser. No. US 2001-764905, filed on 17 Jan 20(
***        UNKNOWN Continuation-in-part of Ser. No. US 2001-764891, filed on 1
***        2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1339, file(
***        17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-76486
***        filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO**
***        2001-US1340, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of
***        No. US 2001-764874, filed on 17 Jan 2001, UNKNOWN Continuation-in-pa
***        of Ser. No. WO 2001-US1334, filed on 17 Jan 2001, UNKNOWN***
***        Continuation-in-part of Ser. No. US 2001-764898, filed on 17 Jan 20(
***        UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1320, filed on 1
***        2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764853, file(
***        17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-76490
***        filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO**
***        2001-US1239, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of
***        No. US 2001-764870, filed on 17 Jan 2001, UNKNOWN Continuation-in-pa
***        of Ser. No. WO 2001-US1348, filed on 17 Jan 2001, UNKNOWN***
```

```
***       UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1347, filed on 1
***       2001, UNKNOWN Continuation-in-part of Ser. No. US 2001-764896, file
***       17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US130
***       filed on 17 Jan 2001, UNKNOWN Continuation-in-part of Ser. No. US**
***       2001-764864, filed on 17 Jan 2001, UNKNOWN Continuation-in-part of
***       No. WO 2001-US1341, filed on 17 Jan 2001, UNKNOWN Continuation-in-pa
***       of Ser. No. US 2001-764856, filed on 17 Jan 2001, UNKNOWN***
***       Continuation-in-part of Ser. No. WO 2001-US1336, filed on 17 Jan 20
***       UNKNOWN Continuation-in-part of Ser. No. US 2001-764868, filed on 1
***       2001, UNKNOWN Continuation-in-part of Ser. No. WO 2001-US1312, file
***       17 Jan 2001, UNKNOWN***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 23133***
***INCL    INCLM: 514/044.000***
***        INCLS: 536/023.100; 435/325.000; 435/069.100; 435/006.000***
***NCL     NCLM:  514/044.000***
***        NCLS:  536/023.100; 435/325.000; 435/069.100; 435/006.000***
***IC      [7]***
***        ICM: A61K048-00***
***        ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 260 OF 408  USPATFULL on STN ***
***AN      2002:78442  USPATFULL***
***TI      Nucleic acids, proteins, and antibodies***
***IN      Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Ruben, Steven M., Olney, MD, UNITED STATES***
***        Barash, Steven C., Rockville, MD, UNITED STATES***
***PI      US 2002042096       A1   20020411***
***AI      US 2001-764887      A1   20010117 (9)***

***DT      Utility***
***FS      APPLICATION***
***LN.CNT 19583***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/325.000; 435/320.100; 536/023.200***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/325.000; 435/320.100; 536/023.200***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12N005-06; C12N015-74; C07H021-04***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 261 OF 408  USPATFULL on STN ***
***AN      2002:72597  USPATFULL***
***TI      Compositions, kits, and methods for identification and modulation o
***        helper-1 and T helper-2 cells and diseases associated therewith***
***IN      Hanrahan, Catherine F., London, UNITED KINGDOM***
***        Feldmann, Marc, London, UNITED KINGDOM***
***        Trepicchio, William L., Andover, MA, UNITED STATES***
***PI      US 2002039734       A1   20020404***
***AI      US 2001-860655      A1   20010517 (9)***
***PRAI    US 2000-205204P      20000518 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 5319***
***INCL    INCLM: 435/006.000***
***        INCLS: 435/007.230***
***NCL     NCLM:  435/006.000***
***        NCLS:  435/007.230***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: G01N033-574***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 262 OF 408  USPATFULL on STN ***
***AN      2002:48621  USPATFULL***
***TI      THIOALKYL COMPOUNDS, METHODS, AND COMPOSITIONS FOR INHIBITING PARP*
***        ACTIVITY***
***IN      JACKSON, PAUL F., BEL AIR, MD, UNITED STATES***
***        MACLIN, KEITH M., BALTIMORE, MD, UNITED STATES***
***        ZHANG, JIE, ELLICOTT CITY, MD, UNITED STATES***
***PI      US 2002028813       A1   20020307***
```

```
***RLI     Continuation-in-part of Ser. No. US 1998-79513, filed on 15 May 199
***        ABANDONED Continuation-in-part of Ser. No. US 1997-922520, filed on
***        Sep 1997, ABANDONED***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 2979***
***INCL    INCLM: 514/248.000***
***        INCLS: 514/309.000; 544/237.000; 546/141.000***
***NCL     NCLM:  514/248.000***
***        NCLS:  514/309.000; 544/237.000; 546/141.000***
***IC      [7]***
***        ICM: A61K031-502***
***        ICS: A61K031-47; C07D217-22; C07D237-30***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 263 OF 408  USPATFULL on STN ***
***AN      2002:48258  USPATFULL***
***TI      26 Human secreted proteins***
***IN      Ruben, Steven M., Olney, MD, UNITED STATES***
***        Birse, Charles E., North Potomac, MD, UNITED STATES***
***        Duan, Roxanne D., Bethesda, MD, UNITED STATES***
***        Soppet, Daniel R., Centreville, VA, UNITED STATES***
***        Rosen, Craig A., Laytonsville, MD, UNITED STATES***
***        Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
***        LaFleur, David W., Washington, DC, UNITED STATES***
***        Olsen, Henrik, Gaithersburg, MD, UNITED STATES***
***        Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***        Florence, Kimberly A., Rockville, MD, UNITED STATES***
***        Ni, Jian, Rockville, MD, UNITED STATES***
***        Young, Paul, Gaithersburg, MD, UNITED STATES***
***PI      US 2002028449      A1   20020307***
***AI      US 2000-726643     A1   20001201 (9)***
***RLI     Continuation-in-part of Ser. No. WO 2000-US15187, filed on 2 Jun 20
***        UNKNOWN***
***PRAI    US 1999-137725P     19990607 (60)***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 20287***
***INCL    INCLM: 435/006.000***
***        INCLS: 536/023.100; 435/069.100; 530/388.100; 435/183.000***
***NCL     NCLM:  435/006.000***
***        NCLS:  536/023.100; 435/069.100; 530/388.100; 435/183.000***
***IC      [7]***
***        ICM: C12Q001-68***
***        ICS: C07H021-02; C07H021-04; C12P021-02; C12N009-00***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 264 OF 408  USPATFULL on STN ***
***AN      2002:37916  USPATFULL***
***TI      OXO-SUBSTITUTED COMPOUNDS, PROCESS OF MAKING, AND COMPOSITIONS AND*
***        METHODS FOR INHIBITING PARP ACTIVITY***
***IN      LI, JIA-HE, COCKEYSVILLE, MD, UNITED STATES***
***        TAYS, KEVIN LEONARD, ELKRIDGE, MD, UNITED STATES***
***        ZHANG, JIE, ELLICOTT CITY, MD, UNITED STATES***
***PI      US 2002022636      A1   20020221***
***AI      US 1998-145180     A1   19980901 (9)***
***RLI     Continuation-in-part of Ser. No. US 1998-79509, filed on 15 May 199
***        ABANDONED Continuation-in-part of Ser. No. US 1997-922520, filed on
***        Sep 1997, ABANDONED***
***DT      Utility***
***FS      APPLICATION***
***LN.CNT 3766***
***INCL    INCLM: 514/307.000***
***        INCLS: 514/308.000; 514/290.000; 514/298.000; 514/309.000***
***NCL     NCLM:  514/307.000***
***        NCLS:  514/308.000; 514/290.000; 514/298.000; 514/309.000***
***IC      [7]***
***        ICM: A61K031-44***
***        ICS: A61K031-47; A61K031-415***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 265 OF 408  USPATFULL on STN ***
***AN      2002:22131  USPATFULL***
***TI      18 Human secreted proteins***
***IN      Shi, Yanggu, Gaithersburg, MD, UNITED STATES***
```

```
***       Ebner, Reinhard, Gaithersburg, MD, UNITED STATES***
***       Soppet, Daniel R., Centreville, VA, UNITED STATES***
***       Ruben, Steven M., Olney, MD, UNITED STATES***
***PI     US 2002012966      A1   20020131***
***AI     US 2001-768826     A1   20010125 (9)***
***RLI    Continuation-in-part of Ser. No. WO 2000-US22350, filed on 15 Aug 2(
***       UNKNOWN***
***PRAI   US 1999-148759P     19990816 (60)***
***DT     Utility***
***FS     APPLICATION***
***LN.CNT 18157***
***INCL   INCLM: 435/069.100***
***       INCLS: 435/325.000; 435/183.000; 530/350.000; 536/023.100***
***NCL    NCLM:  435/069.100***
***       NCLS:  435/325.000; 435/183.000; 530/350.000; 536/023.100***
***IC     [7]***
***       ICM: C12P021-02***
***       ICS: C07H021-04; C12N009-00; C12N005-08***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 266 OF 408  USPATFULL on STN ***
***AN     2002:303718  USPATFULL***
***TI     Methods of reducing bone loss with CD40 ligand***
***IN     Ahuja, Seema A., San Antonio, TX, United States***
***       Bonewald, Lynda F., San Antonio, TX, United States***
***PA     Board of Regents, The University of Texas System, Austin, TX, Unite(
***       States (U.S. corporation)***
***PI     US 6482411         B1   20021119***
***AI     US 2000-645926          20000824 (9)***
***PRAI   US 1999-151250P     19990827 (60)***
***DT     Utility***
***FS     GRANTED***
***LN.CNT 5120***
***INCL   INCLM: 424/185.100***
***       INCLS: 424/085.100; 424/184.100; 424/192.100; 424/178.100; 514/002.(
***              514/008.000; 514/012.000; 514/885.000; 530/350.000; 530/351.(
***NCL    NCLM:  424/185.100***
***       NCLS:  424/085.100; 424/178.100; 424/184.100; 424/192.100; 514/002.(
***              514/008.000; 514/012.000; 514/885.000; 530/350.000; 530/351.(
***IC     [7]***
***       ICM: A61K038-17***
***       ICS: A61K038-19; C07K014-435; C07K014-52***
***EXF    424/85.1; 424/185.1; 424/278.1; 514/2; 514/8; 530/350***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4   ANSWER 267 OF 408  USPATFULL on STN ***
***AN     2002:291062  USPATFULL***
***TI     Secreted protein HNFGF20***
***IN     Komatsoulis, George, Silver Spring, MD, United States***
***       Rosen, Craig A., Laytonsville, MD, United States***
***       Ruben, Steven M., Olney, MD, United States***
***       Duan, Roxanne D., Bethesda, MD, United States***
***       Moore, Paul A., Germantown, MD, United States***
***       Shi, Yanggu, Gaithersburg, MD, United States***
***       LaFleur, David W., Washington, DC, United States***
***       Wei, Ying-Fei, Berkeley, CA, United States***
***       Ni, Jian, Rockville, MD, United States***
***       Florence, Kimberly A., Rockville, MD, United States***
***       Young, Paul, Gaithersburg, MD, United States***
***       Brewer, Laurie A., St. Paul, MN, United States***
***       Soppet, Daniel R., Centreville, VA, United States***
***       Endress, Gregory A., Potomac, MD, United States***
***       Ebner, Reinhard, Gaithersburg, MD, United States***
***       Olsen, Henrik, Gaithersburg, MD, United States***
***       Mucenski, Michael, Cincinnati, OH, United States***
***PA     Human Genome Sciences, Inc., Rockville, MD, United States (U.S.***
***       corporation)***
***PI     US 6476195         B1   20021105***
***AI     US 2000-489847          20000124 (9)***
***RLI    Continuation-in-part of Ser. No. WO 1999-US17130, filed on 29 Jul 1(
***PRAI   US 1998-94657P      19980730 (60)***
***       US 1998-95486P      19980805 (60)***
***       US 1998-96319P      19980812 (60)***
***       US 1998-95454P      19980806 (60)***
***       US 1998-95455P      19980806 (60)***
```

```
***FS      GRANTED***
***LN.CNT 20107***
***INCL    INCLM: 530/350.000***
***        INCLS: 530/350.000; 435/006.000; 435/007.100; 536/023.100***
***NCL     NCLM:  530/350.000***
***        NCLS:  435/006.000; 435/007.100; 536/023.100***
***IC      [7]***
***        ICM: C07K005-00***
***        ICS: C07K014-00; C12Q001-68; C07H021-04***
***EXF     536/23.1; 435/6; 435/7.1; 530/350; 530/300***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 268 OF 408  USPATFULL on STN ***
***AN      2002:290742  USPATFULL***
***TI      94 Human Secreted Proteins***
***IN      Ruben, Steven M., Olney, MD, United States***
***        Ni, Jian, Rockville, MD, United States***
***        Rosen, Craig A., Laytonsville, MD, United States***
***        Wei, Ying-Fei, Berkeley, CA, United States***
***        Young, Paul, Gaithersburg, MD, United States***
***        Florence, Kimberly, Rockville, MD, United States***
***        Soppet, Daniel R., Centreville, VA, United States***
***        Brewer, Laurie A., St. Paul, MN, United States***
***        Endress, Gregory A., Potomac, MD, United States***
***        Carter, Kenneth C., Potomac, MD, United States***
***        Mucenski, Michael, Cincinnati, OH, United States***
***        Ebner, Reinhard, Gaithersburg, MD, United States***
***        Lafleur, David W., Washington, DC, United States***
***        Olsen, Henrik, Gaithersburg, MD, United States***
***        Shi, Yanggu, Gaithersburg, MD, United States***
***        Moore, Paul A., Germantown, MD, United States***
***        Komatsoulis, George, Silver Spring, MD, United States***
***PA      Human Genome Sciences, Inc., Rockville, MD, United States (U.S.***
***        corporation)***
***PI      US 6475753          B1    20021105***
***AI      US 1999-461325            19991214 (9)***
***RLI     Continuation-in-part of Ser. No. WO 1999-US13418, filed on 15 Jun 1
***PRAI    US 1998-89507P       19980616 (60)***
***        US 1998-89508P       19980616 (60)***
***        US 1998-89509P       19980616 (60)***
***        US 1998-89510P       19980616 (60)***
***        US 1998-90112P       19980622 (60)***
***        US 1998-90113P       19980622 (60)***
***DT      Utility***
***FS      GRANTED***
***LN.CNT 18031***
***INCL    INCLM: 435/069.100***
***        INCLS: 435/069.400; 435/071.100; 435/252.300; 435/032.500; 435/320.
***               435/471.000; 536/023.500; 530/350.000***
***NCL     NCLM:  435/069.100***
***        NCLS:  435/069.400; 435/071.100; 435/252.300; 435/320.100; 435/325.
***               435/471.000; 530/350.000; 536/023.500***
***IC      [7]***
***        ICM: C12P021-02***
***        ICS: C12N015-12; C12N005-10; C07K014-47***
***EXF     435/69.1; 435/69.4; 435/71.1; 435/91.1; 435/252.3; 435/325; 435/320
***        435/471; 536/23.5; 530/350***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 269 OF 408  USPATFULL on STN ***
***AN      2002:209740  USPATFULL***
***TI      Transgenic models of inflammatory disease***
***IN      Duff, Gordon W., Sheffield, UNITED KINGDOM***
***        Nicklin, Martin, Sheffield, UNITED KINGDOM***
***PA      Interleukin Genetics Inc., Waltham, MA, United States (U.S. corporat
***PI      US 6437216          B1    20020820***
***        WO 9925857  19990527***
***AI      US 2001-647826            20010312 (9)***
***        WO 1998-US24287           19981113***
***                                  20010312  PCT 371 date***
***PRAI    GB 1997-23835        19971113***
***DT      Utility***
***FS      GRANTED***
***LN.CNT 3230***
***INCL    INCLM: 800/021.000***
```

NCL NCLM: 800/021.000
*** NCLS: 435/320.100; 435/325.000; 536/023.100; 800/003.000; 800/018.(
IC [7]
*** ICM: C12N015-00***
EXF 800/3; 800/8; 800/21; 800/18; 435/320.1; 435/325; 536/23.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 270 OF 408 USPATFULL on STN ***
AN 2002:188403 USPATFULL
***TI Alkoxy-substituted compounds, methods and compositions for inhibiti
*** parp activity***
IN Jackson, Paul F., Bel Air, MD, United States
*** Maclin, Keith M., Baltimore, MD, United States***
*** Zhang, Jie, Ellicott City, MD, United States***
***PA Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S.**
*** corporation)***
PI US 6426415 B1 20020730
AI US 1998-79508 19980515 (9)
***RLI Continuation-in-part of Ser. No. US 1997-922520, filed on 3 Sep 199
DT Utility
FS GRANTED
LN.CNT 2307
INCL INCLM: 544/237.000
*** INCLS: 546/137.000***
NCL NCLM: 544/237.000
*** NCLS: 546/137.000***
IC [7]
*** ICM: C07D237-30***
EXF 546/137; 544/237
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 271 OF 408 USPATFULL on STN ***
AN 2002:175279 USPATFULL
TI 186 human secreted proteins
IN Ruben, Steven M., Olney, MD, United States
*** Rosen, Craig A., Laytonsville, MD, United States***
*** Fischer, Carrie L., Burke, VA, United States***
*** Soppet, Daniel P., Centreville, VA, United States***
*** Carter, Kenneth C., North Potomac, MD, United States***
*** Bednarik, Daniel R., Columbia, MD, United States***
*** Endress, Gregory A., Potomac, MD, United States***
*** Yu, Guo-Liang, Berkeley, CA, United States***
*** Ni, Jian, Rockville, MD, United States***
*** Feng, Ping, Gaithersburg, MD, United States***
*** Young, Paul E., Gaithersburg, MD, United States***
*** Greene, John M., Gaithersburg, MD, United States***
*** Ferrie, Ann M., Tewksbury, MA, United States***
*** Duan, Roxanne, Bethesda, MD, United States***
*** Hu, Jing-Shan, Sunnyvale, CA, United States***
*** Florence, Kimberly A., Rockville, MD, United States***
*** Olsen, Henrik S., Gaithersburg, MD, United States***
*** Ebner, Reinhard, Gaithersburg, MD, United States***
*** Brewer, Laurie A., St. Paul, MN, United States***
*** Moore, Paul A., Germantown, MD, United States***
*** Shi, Yanggu, Gaithersburg, MD, United States***
*** Lafleur, David W., Washington, DC, United States***
*** Li, Yi, Sunnyvale, CA, United States***
*** Zeng, Zhizhen, Lansdale, PA, United States***
*** Kyaw, Hla, Frederick, MD, United States***
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
*** corporation)***
PI US 6420526 B1 20020716
AI US 1998-149476 19980908 (9)
***RLI Continuation-in-part of Ser. No. WO 1998-US4493, filed on 6 Mar 199

DT Utility
FS GRANTED
LN.CNT 13498
INCL INCLM: 530/350.000
*** INCLS: 435/006.000; 536/023.100***
NCL NCLM: 530/350.000
*** NCLS: 435/006.000; 536/023.100***
IC [7]
*** ICM: C12Q001-68***
*** ICS: C07K001-00; C07H021-02***

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 272 OF 408 USPATFULL on STN ***
AN 2002:144087 USPATFULL
TI Antibody to human endokine alpha and methods of use
IN Yu, Guo-Liang, Berkeley, CA, United States
*** Ni, Jian, Rockville, MD, United States***
*** Rosen, Craig A., Laytonsville, MD, United States***
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
*** corporation)***
PI US 6406867 B1 20020618
AI US 2000-513584 20000225 (9)
***RLI Continuation-in-part of Ser. No. US 1999-345790, filed on 1 Jul 199
*** Division of Ser. No. US 1997-912227, filed on 15 Aug 1997, now patei
*** Pat. No. US 5998171***
PRAI US 1999-136788P 19990528 (60)
*** US 1999-122099P 19990226 (60)***
*** US 1996-24058P 19960816 (60)***
DT Utility
FS GRANTED
LN.CNT 8722
INCL INCLM: 435/007.200
*** INCLS: 530/387.100; 530/387.900; 530/388.100; 530/388.150; 530/388.
*** 530/389.200; 424/130.100; 424/139.100; 424/141.100; 424/142.
*** 424/158.100***
NCL NCLM: 435/007.200
*** NCLS: 424/130.100; 424/139.100; 424/141.100; 424/142.100; 424/158.
*** 530/387.100; 530/387.900; 530/388.100; 530/388.150; 530/388.
*** 530/389.200***
IC [7]
*** ICM: C07K016-22***
*** ICS: G01N033-53; G01N033-567***
***EXF 530/387.1; 530/387.9; 530/388.1; 530/388.15; 530/388.24; 530/389.2;
*** 424/130.1; 424/139.1; 424/141.1; 424/142.1; 424/145.1; 424/158.1;**
*** 435/7.1; 435/7.2***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 273 OF 408 USPATFULL on STN ***
AN 2002:122647 USPATFULL
***TI Carboxamide compounds, methods, and compositions for inhibiting PARI
*** activity***
IN Li, Jia-He, Cockeysville, MD, United States
*** Zhang, Jie, Ellicott City, MD, United States***
***PA Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S.**
*** corporation)***
PI US 6395749 B1 20020528
AI US 1998-145178 19980901 (9)
***RLI Continuation-in-part of Ser. No. US 1998-79514, filed on 15 May 199
*** now abandoned***
DT Utility
FS GRANTED
LN.CNT 3095
INCL INCLM: 514/310.000
*** INCLS: 514/082.000; 514/255.000; 514/307.000; 514/309.000; 514/311.
*** 514/312.000; 514/313.000; 514/314.000; 544/337.000; 544/363.
*** 546/021.000; 546/141.000; 546/143.000; 546/144.000; 546/146.
*** 546/153.000; 546/157.000; 546/158.000; 546/165.000; 546/167.
*** 546/169.000; 424/485.000; 424/486.000; 424/487.000***
NCL NCLM: 514/310.000
*** NCLS: 424/485.000; 424/486.000; 424/487.000; 514/082.000; 514/253.
*** 514/307.000; 514/309.000; 514/311.000; 514/312.000; 514/313.
*** 514/314.000; 544/337.000; 544/363.000; 546/021.000; 546/141.
*** 546/143.000; 546/144.000; 546/146.000; 546/153.000; 546/157.
*** 546/158.000; 546/165.000; 546/167.000; 546/169.000***
IC [7]
*** ICM: A61K031-495***
*** ICS: A61K031-47; C07F009-02; C07D217-22; C07D215-16***
***EXF 546/21; 546/141; 546/144; 546/153; 546/167; 546/143; 546/146; 546/1
*** 546/158; 546/165; 546/169; 544/337; 544/363; 514/82; 514/255; 514/3
*** 514/309; 514/312; 514/314; 514/310; 514/311; 514/313; 424/485; 424/
*** 424/487***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 274 OF 408 USPATFULL on STN ***
AN 2002:109040 USPATFULL

```
***        inhibiting PARP***
***IN      Zhang, Jie, Ellicott City, MD, United States***
***        Tays, Kevin Leonard, Elkridge, MD, United States***
***        Li, Jia-He, Cockevsville, MD, United States***
***PA      Guilford Pharmaceuticals, Inc., Baltimore, MD, United States (U.S.*
***        corporation)***
***PI      US 6387902          B1    20020514***
***AI      US 1998-224293              19981231 (9)***
***DT      Utility***
***FS      GRANTED***
***LN.CNT 2616***
***INCL    INCLM: 514/249.000***
***        INCLS: 544/347.000; 544/348.000***
***NCL     NCLM:  514/249.000***
***        NCLS:  544/347.000; 544/348.000***
***IC      [7]***
***        ICM: A61K031-50***
***        ICS: C07D241-46***
***EXF     514/249; 544/347; 544/348***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 275 OF 408  USPATFULL on STN ***
***AN      2002:95805  USPATFULL***
***TI      Alkoxy-substituted compounds, methods, and compositions for inhibit
***        PARP activity***
***IN      Jackson, Paul F., Bel Air, MD, United States***
***        Maclin, Keith M., Baltimore, MD, United States***
***        Zhang, Jie, Ellicott City, MD, United States***
***PA      Guilford Pharmaceutical Inc., Baltimore, MD, United States (U.S.***
***        corporation)***
***PI      US 6380211          B1    20020430***
***AI      US 2000-711953              20001115 (9)***
***RLI     Continuation of Ser. No. US 1998-145166, filed on 1 Sep 1998, now**
***        patented, Pat. No. US 6197785 Continuation-in-part of Ser. No. US**
***        1998-79508, filed on 15 May 1998 Continuation-in-part of Ser. No. U
***        1997-922520, filed on 3 Sep 1997, now abandoned***
***DT      Utility***
***FS      GRANTED***
***LN.CNT 2724***
***INCL    INCLM: 514/309.000***
***        INCLS: 514/233.500; 546/141.000; 544/128.000***
***NCL     NCLM:  514/309.000***
***        NCLS:  514/233.500; 544/128.000; 546/141.000***
***IC      [7]***
***        ICM: A61K031-47***
***EXF     546/141; 514/309; 514/233.5; 544/128***
***CAS INDEXING IS AVAILABLE FOR THIS PATENT.***
*** ***
***L4    ANSWER 276 OF 408  USPATFULL on STN ***
***AN      2002:95790  USPATFULL***
***TI      Fused tricyclic compounds, methods and compositions for inhibiting
***        activity***
***IN      Li, Jia-He, Cockevsville, MD, United States***
***        Zhang, Jie, Ellicott City, MD, United States***
***PA      Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S.**
***        corporation)***
***PI      US 6380193          B1    20020430***
***AI      US 1998-145184              19980901 (9)***
***RLI     Continuation-in-part of Ser. No. US 1998-79510, filed on 15 May 199
***DT      Utility***
***FS      GRANTED***
***LN.CNT 2371***
***INCL    INCLM: 514/243.000***
***        INCLS: 514/283.000; 514/249.000; 514/257.000; 514/286.000; 514/293.(
***               514/296.000; 514/292.000; 544/182.000; 544/234.000; 544/233.(
***               544/245.000; 544/247.000; 544/250.000; 546/048.000; 546/063.(
***               546/086.000; 546/081.000; 546/084.000; 546/098.000***
***NCL     NCLM:  514/243.000***
***        NCLS:  514/249.000; 514/257.000; 514/283.000; 514/286.000; 514/292.(
***               514/293.000; 514/296.000; 544/182.000; 544/233.000; 544/234.(
***               544/245.000; 544/247.000; 544/250.000; 546/048.000; 546/063.(
***               546/081.000; 546/084.000; 546/086.000; 546/098.000***
***IC      [7]***
***        ICM: A61K031-53***
***        ICS: A61K031-44; A61K031-50; A61K031-505***
```

*** 514/243; 514/283; 514/249; 514/257; 514/286; 514/293; 544/182; 544/
*** 544/233; 544/245; 544/247; 544/250***
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 277 OF 408 USPATFULL on STN ***
AN 2002:63887 USPATFULL
***TI Hydroxyphenyl derivatives with HIV integrase inhibitory properties*
IN Sauve, Gilles, Laval, CANADA
*** Yelle, Jocelyn, Laval, CANADA***
PA Pharmacor Inc., Laval, CANADA (non-U.S. corporation)
PI US 6362165 B1 20020326
AI US 2000-534615 20000327 (9)
***RLI Continuation-in-part of Ser. No. US 1999-280569, filed on 30 Mar 19
*** now abandoned***
DT Utility
FS GRANTED
LN.CNT 2831
INCL INCLM: 514/019.000
*** INCLS: 514/020.000; 514/400.000; 514/419.000; 514/423.000; 514/563.
*** 514/616.000; 548/338.100; 548/491.000; 548/537.000; 562/448.
*** 562/451.000; 562/455.000; 564/153.000; 564/157.000; 564/158.
NCL NCLM: 514/019.000
*** NCLS: 514/020.000; 514/400.000; 514/419.000; 514/423.000; 514/563.
*** 514/616.000; 548/338.100; 548/491.000; 548/537.000; 562/448.
*** 562/451.000; 562/455.000; 564/153.000; 564/157.000; 564/158.
IC [7]
*** ICM: A61K031-166***
*** ICS: A61K031-192; A61K031-404; A61K031-4164; A61K038-05***
***EXF 514/19; 514/20; 514/400; 514/419; 514/423; 514/563; 514/616; 548/33
*** 548/491; 548/537; 562/448; 562/451; 562/455; 564/153; 564/157; 564/
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 278 OF 408 USPATFULL on STN ***
AN 2002:19393 USPATFULL
TI Secreted protein HLHFP03
IN Rosen, Craig A., Laytonsville, MD, United States
*** Ruben, Steven M., Olney, MD, United States***
*** Olsen, Henrik S., Gaithersburg, MD, United States***
*** Ebner, Reinhard, Gaithersburg, MD, United States***
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
*** corporation)***
PI US 6342581 B1 20020129
AI US 1999-227357 19990108 (9)
***RLI Continuation-in-part of Ser. No. WO 1998-US13684, filed on 7 Jul 19

DT Utility
FS GRANTED
LN.CNT 18742
INCL INCLM: 530/300.000
*** INCLS: 530/350.000; 435/069.100***
NCL NCLM: 530/300.000
*** NCLS: 435/069.100; 530/350.000***
IC [7]
*** ICM: A61K038-00***
*** ICS: C07K001-00; C12P021-06***
EXF 530/300; 530/350; 435/69.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
*** ***
***L4 ANSWER 279 OF 408 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation
*** STN DUPLICATE 21***
AN 2002:484106 BIOSIS
DN PREV200200484106
TI Potential neurotoxic inflammatory responses to ***Abeta vaccin
in humans.
AU Muench, G. [Reprint author]; Robinson, S. R.
CS IZKF, Nachwuchsgruppe "Neuroimmunologische Zellbiologie", Universitaet Leipzig, Johannisallee 30 a, D-04103, Leipzig, Germany
mueg@medizin.uni-leipzig.de
SO Journal of Neural Transmission, (July, 2002) Vol. 109, No. 7-8, pp. 1081-1087. print.
CODEN: JNGSE8. ISSN: 0300-9564.
DT Article
LA English
ED Entered STN: 11 Sep 2002
Last Updated on STN: 11 Sep 2002

L4 ANSWER 280 OF 408 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2003:17920 BIOSIS
DN PREV200300017920
TI Amyloid immunotherapy-engendered CNS inflammation.
AU Bowers, William J.; Federoff, Howard J. [Reprint Author]
CS Department of Neurology, School of Medicine and Dentistry, University of Rochester, 601 Elmwood Avenue, Rochester, NY, 14642, USA
howard_federoff@urmc.rochester.edu
SO Neurobiology of Aging, (September-October 2002) Vol. 23, No. 5, pp. 675-676. print.
CODEN: NEAGDO. ISSN: 0197-4580.
DT Article
Editorial
LA English
ED Entered STN: 25 Dec 2002
Last Updated on STN: 25 Dec 2002

L4 ANSWER 281 OF 408 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V. on STN DUPLICATE
AN 2002268470 ESBIOBASE
TI Reduced Th1 and enhanced Th2 immunity after immunization with Alzheimer's . ***beta*** .- ***amyloid*** .sub.1.sub.-.sub.4.sub.2
AU Town T.; Vendrame M.; Patel A.; Poetter D.; DelleDonne A.; Mori T.; Smeed R.; Crawford F.; Klein T.; Tan J.; Mullan M.
CS T. Town, Roskamp Institute, University of South Florida, 3515 E. Fletcher Avenue, Tampa, FL 33613, United States.
E-mail: ttown@hsc.usf.edu
SO Journal of Neuroimmunology, (2002), 132/1-2 (49-59), 20 reference(s)
CODEN: JNRIDW ISSN: 0165-5728
PUI S0165572802003077
DT Journal; Article
CY Netherlands
LA English
SL English

L4 ANSWER 282 OF 408 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2003:283082 BIOSIS
DN PREV200300283082
TI DNA AND PROTEIN BASED VACCINATION SPECIFICALLY STIMULATES T CELL EPITOPES PRESENT WITHIN THE ***ABETA*** PEPTIDE VACCINE : A MODEL FOR CELLULAR IMMUNE RESPONSES IN ALZHEIMER'S DISEASE.
AU Ugen, K. E. [Reprint Author]; Kutzler, M. A.; Cao, C. [Reprint Author]; Choo, D. K.; Gordon, M. N.; Morgan, D. G.; Weiner, D. B.
CS Dept Med Microbiol and Immunol, University of South Florida, Tampa, FL, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 227.2. http://sfn.scholarone.com. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 19 Jun 2003
Last Updated on STN: 19 Jun 2003

L4 ANSWER 283 OF 408 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN
DUPLICATE 23
AN 2002-07584 BIOTECHDS
TI Novel isolated synthetic immunogenic but non-amyloidogenic peptide homologous to ***amyloid*** ***beta*** , useful for inducing immune response to ***amyloid*** ***beta*** peptides and amyloid deposits;
amyloid ***precursor*** ***protein*** expression in transgenic mouse animal model
AU FRANGIONE B; WISNIEWSKI T; SIGURDSSON E M
PA UNIV NEW YORK STATE
PI WO 2001090182 29 Nov 2001
AI WO 2000-US16322 22 May 2000
PRAI US 2000-205578 22 May 2000
DT Patent
LA English
OS WPI: 2002-106186 [14]

L4 ANSWER 284 OF 408 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 24
AN 2001:435132 CAPLUS
DN 135:60157
TI Chimeric peptides as immunogens, antibodies thereto, and methods for immunization using chimeric peptides or antibodies
IN Chain, Benjamin
PA Mindset Biopharmaceuticals (Usa), Inc., USA
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001042306	A2	20010614	WO 2000-US33203	20001208
	WO 2001042306	A3	20011101		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1237930	A2	20020911	EP 2000-990195	20001208
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003516419	T2	20030513	JP 2001-543601	20001208
	ZA 2002005032	A	20030922	ZA 2002-5032	20020621
PRAI	US 1999-169687P	P	19991208		
	WO 2000-US33203	W	20001208		

L4 ANSWER 285 OF 408 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:545831 CAPLUS
DN 135:121188
TI Vaccines against neurodegenerative disorders
IN Srivastava, Pramod K.
PA University of Connecticut Health Center, USA
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001053457	A2	20010726	WO 2001-US1665	20010118
	WO 2001053457	A3	20020418		
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	AU 2001029592	A5	20010731	AU 2001-29592	20010118
PRAI	US 2000-489219	A	20000121		
	WO 2001-US1665	W	20010118		

L4 ANSWER 286 OF 408 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:545521 CAPLUS
DN 135:136411
TI Heat shock/stress protein complexes as vaccines against neurodegenerative disorders
IN Srivastava, Pramod K.
PA University of Connecticut Health Center, USA
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001052890	A1	20010726	WO 2001-US1825	20010118
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
PRAI	US 2000-489216	A	20000121		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

L4 ANSWER 287 OF 408 USPATFULL on STN
AN 2001:155766 USPATFULL
TI 49 human secreted proteins
IN Moore, Paul A., Germantown, MD, United States
Ruben, Steven M., Oley, MD, United States
Olsen, Henrik S., Gaithersburg, MD, United States
Shi, Yanggu, Gaithersburg, MD, United States
Rosen, Craig A., Laytonsville, MD, United States
Florence, Kimberly A., Rockville, MD, United States
Soppet, Daniel R., Centreville, VA, United States
Lafleur, David W., Washington, DC, United States
Endress, Gregory A., Potomac, MD, United States
Ebner, Reinhard, Gaithersburg, MD, United States
Komatsoulis, George, Silver Spring, MD, United States
Duan, Roxanne D., Bethesda, MD, United States
PI US 2001021700 A1 20010913
AI US 2000-739254 A1 20001219 (9)
RLI Continuation of Ser. No. US 2000-511554, filed on 23 Feb 2000, ABANDONED
Continuation-in-part of Ser. No. WO 1999-US19330, filed on 24 Aug 1999, UNKNOWN
PRAI US 1998-97917P 19980825 (60)
US 1998-98634P 19980831 (60)
DT Utility
FS APPLICATION
LN.CNT 15462
INCL INCLM: 514/044.000
INCLS: 536/023.500; 530/350.000; 530/388.200; 435/320.100; 435/007.100; 435/069.100; 435/069.700; 435/325.000; 514/012.000
NCL NCLM: 514/044.000
NCLS: 536/023.500; 530/350.000; 530/388.200; 435/320.100; 435/007.100; 435/069.100; 435/069.700; 435/325.000; 514/012.000
IC [7]
ICM: A61K048-00
ICS: G01N033-53; A61K038-16; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 288 OF 408 USPATFULL on STN
AN 2001:150564 USPATFULL
TI Ortho-diphenol compounds, methods and pharmaceutical compositions for inhibiting parp
IN Zhang, Jie, Ellicott City, MD, United States
Serdyuk, Larisa E., Baltimore, MD, United States
Li, Jia-He, Cockeysville, MD, United States
PA GUILFORD PHARMACEUTICALS, INC. (U.S. corporation)
PI US 2001020013 A1 20010906
AI US 2000-745858 A1 20001226 (9)
RLI Continuation of Ser. No. US 1998-224294, filed on 31 Dec 1998, GRANTED, Pat. No. US 6201020
DT Utility
FS APPLICATION
LN.CNT 2874
INCL INCLM: 514/150.000
INCLS: 514/423.000; 514/427.000; 514/539.000; 514/456.000; 534/848.000
NCL NCLM: 514/150.000
NCLS: 514/423.000; 514/427.000; 514/539.000; 514/456.000; 534/848.000
IC [7]
ICM: A61K031-655
ICS: A61K031-40
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 289 OF 408 USPATFULL on STN
AN 2001:214883 USPATFULL
TI Common gamma chain monoclonal antibody blocking agents
IN Burkly, Linda C., West Newton, MA, United States
Benjamin, Christopher D., Beverly, MA, United States
Hession, Catherine, Hingham, MA, United States
Whitty, Adrian, Franklin, MA, United States
PA Biogen, Inc., Cambridge, MA, United States (U.S. corporation)
PI US 6323027 B1 20011127
AI US 1998-189129 19981110 (9)
RLI Continuation of Ser. No. WO 1997-US7870, filed on 9 May 1997
DT Utility
FS GRANTED
LN.CNT 3174

INCLS: 530/388.220
NCL NCLM: 435/334.000
NCLS: 530/388.220
IC [7]
ICM: C12N005-28
EXF 530/388.22; 530/387.3; 530/387.9; 530/388.1; 530/388; 530/15
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 290 OF 408 USPATFULL on STN
AN 2001:197074 USPATFULL
TI D-mannitol derivatives as HIV aspartyl protease inhibitors
IN Sauve, Gilles, Laval, Canada
Bouzide, Abderrahim, Laval, Canada
PA Pharmacor Inc., Laval, Canada (non-U.S. corporation)
PI US 6313177 B1 20011106
AI US 1999-302185 19990430 (9)
DT Utility
FS GRANTED
LN.CNT 2803
INCL INCLM: 514/669.000
INCLS: 568/852.000
NCL NCLM: 514/669.000
NCLS: 568/852.000
IC [7]
ICM: C07C031-18
ICS: A61K031-13
EXF 568/852; 514/669
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 291 OF 408 USPATFULL on STN
AN 2001:158250 USPATFULL
TI Compounds, methods and pharmaceutical compositions for treating cellular damage, such as neural or cardiovascular tissue damage
IN Li, Jia-He, Cockeysville, MD, United States
Zhang, Jie, Ellicott City, MD, United States
PA Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S. corporation)
PI US 6291425 B1 20010918
AI US 1999-387767 19990901 (9)
DT Utility
FS GRANTED
LN.CNT 2878
INCL INCLM: 514/008.000D
INCLS: 544/233.000; 544/232.000; 514/081.000; 514/080.000; 514/248.000
NCL NCLM: 514/080.000
NCLS: 514/081.000; 514/248.000; 544/232.000; 544/233.000
IC [7]
ICM: C07D491-04
ICS: C07D498-04; C07F009-141; A61K031-47; A61K031-50
EXF 544/233; 514/248
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 292 OF 408 USPATFULL on STN
AN 2001:75401 USPATFULL
TI Oxo-substituted compounds, process of making, and compositions and methods for inhibiting parp activity
IN Li, Jia-He, Cockeysville, MD, United States
Zhang, Jie, Ellicott City, MD, United States
PA Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S. corporation)
PI US 6235748 B1 20010522
AI US 2000-524750 20000314 (9)
RLI Division of Ser. No. US 1998-79509, filed on 15 May 1998, now abandoned
Continuation-in-part of Ser. No. US 1997-922520, filed on 3 Sep 1997, now abandoned
DT Utility
FS Granted
LN.CNT 2242
INCL INCLM: 514/285.000
INCLS: 546/062.000; 546/070.000; 428/451.000; 428/455.000; 428/464.000
NCL NCLM: 514/285.000
NCLS: 428/451.000; 428/455.000; 428/464.000; 546/062.000; 546/070.000
IC [7]
ICM: A61K031-4353
ICS: C07D221-18; C07D471-02

424/451; 424/463; 424/464; 424/474
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 293 OF 408 USPATFULL on STN
AN 2001:36867 USPATFULL
TI Ortho-diphenol compounds, methods and pharmaceutical compositions for inhibiting parp
IN Zhang, Jie, Ellicott, MD, United States
Serdyuk, Larisa E., Baltimore, MD, United States
Li, Jia-He, Cockevsville, MD, United States
PA Guilford Pharmaceuticals, Inc., Baltimore, MD, United States (U.S. corporation)
PI US 6201020 B1 20010313
AI US 1998-224294 19981231 (9)
DT Utility
FS Granted
LN.CNT 2960
INCL INCLM: 514/544.000
INCLS: 514/532.000; 514/538.000; 514/546.000; 514/551.000; 560/015.000; 560/029.000; 560/035.000; 560/064.000; 560/065.000; 560/073.000; 560/100.000; 560/103.000; 560/109.000; 560/125.000
NCL NCLM: 514/544.000
NCLS: 514/532.000; 514/538.000; 514/546.000; 514/551.000; 560/015.000; 560/029.000; 560/035.000; 560/064.000; 560/065.000; 560/073.000; 560/100.000; 560/103.000; 560/109.000; 560/125.000
IC [7]
ICM: A61K031-235
ICS: C07C069-035; C07C069-76
EXF 558/392; 558/396; 560/1; 560/15; 560/20; 560/19; 560/35; 560/25; 560/63; 560/64; 560/65; 560/100; 560/103; 560/109; 560/125; 560/56; 560/73; 560/121; 560/122; 560/123; 560/124; 514/529; 514/532; 514/538; 514/544; 514/546; 514/551
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 294 OF 408 USPATFULL on STN
AN 2001:33282 USPATFULL
TI Alkoxy-substituted compounds, methods, and compositions for inhibiting PARP activity
IN Jackson, Paul F., Bel Air, MD, United States
Maclin, Keith M., Baltimore, MD, United States
Zhang, Jie, Ellicott City, MD, United States
PA Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S. corporation)
PI US 6197785 B1 20010306
AI US 1998-145166 19980901 (9)
RLI Continuation-in-part of Ser. No. US 1998-79508, filed on 15 May 1998 , said Ser. No. US 145166 And Ser. No. US 1997-922520, filed on 3 Sep 1997, now abandoned
DT Utility
FS Granted
LN.CNT 2403
INCL INCLM: 514/309.000
INCLS: 514/233.500; 514/299.000; 544/128.000; 546/141.000; 546/183.000
NCL NCLM: 514/309.000
NCLS: 514/233.500; 514/299.000; 544/128.000; 546/141.000; 546/183.000
IC [7]
ICM: C07D217-24
ICS: A61K031-47
EXF 514/309; 514/233.5; 546/141; 546/183; 544/128
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 295 OF 408 USPATFULL on STN
AN 2001:8082 USPATFULL
TI Methods for treating herpes virus infections
IN McMichael, John, Delanson, NY, United States
PA Milkhaus Laboratory, Ltd., Delanson, NY, United States (U.S. corporation)
PI US 6174916 B1 20010116
WO 9805350 19980212
AI US 1998-51078 19980401 (9)
WO 1997-US14005 19970808
19980401 PCT 371 date
19980401 PCT 102(e) date
RLI Continuation-in-part of Ser. No. US 1996-689528, filed on 8 Aug 1996, now patented, Pat. No. US 5753624 Continuation-in-part of Ser. No. US

Ser. No. US 1992-874719, filed on 27 Apr 1992, now abandoned Continuation-in-part of Ser. No. US 1990-598383, filed on 16 Oct 1990, now abandoned Continuation-in-part of Ser. No. US 1990-514021, filed on 27 Apr 1990, now abandoned
DT Utility
FS Granted
LN.CNT 1193
INCL INCLM: 514/496.000
INCLS: 514/492.000; 514/934.000
NCL NCLM: 514/496.000
NCLS: 514/492.000; 514/934.000
IC [7]
ICM: A61K031-305
EXF 514/496; 514/492; 514/934
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 296 OF 408 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 25
AN 2002:137348 BIOSIS
DN PREV200200137348
TI Duration and specificity of humoral immune responses in mice vaccinated with the Alzheimer's disease-associated ***beta*** - ***amyloid*** 1-42 peptide.
AU Dickey, Chad A.; Morgan, David G.; Kudchodkar, Sagar; Weiner, David B.; Bai, Yun; Cao, Chuanhai; Gordon, Marcia N.; Ugen, Kenneth E. [Reprint author]
CS Department of Medical Microbiology and Immunology, University of South Florida College of Medicine, 12901 Bruce B. Downs Boulevard, MDC 10, Tampa, FL, 33612, USA
kugen@hsc.usf.edu
SO DNA and Cell Biology, (November, 2001) Vol. 20, No. 11, pp. 723-729. print.
CODEN: DCEBE8. ISSN: 1044-5498.
DT Article
LA English
ED Entered STN: 6 Feb 2002
Last Updated on STN: 26 Feb 2002

L4 ANSWER 297 OF 408 USPATFULL on STN
AN 2000:134749 USPATFULL
TI Recombinant flagellin vaccines
IN Majarian, William R., Mt. Royal, NJ, United States
Stocker, Bruce A. D., Palo Alto, CA, United States
Newton, Salete M. C., Mountain View, CA, United States
PA American Cyanamid Company, Madison, NJ, United States (U.S. corporation)
The Board of Trustees of the Leland Stanford Junior University, Stanford, CA, United States (U.S. corporation)
PI US 6130082 20001010
AI US 1992-837668 19920214 (7)
RLI Continuation of Ser. No. US 1989-348430, filed on 5 May 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-190570, filed on 5 May 1988, now abandoned
DT Utility
FS Granted
LN.CNT 2404
INCL INCLM: 435/252.300
INCLS: 536/023.400; 536/023.700; 435/320.100; 435/252.330; 424/192.100; 424/200.100; 424/258.100; 424/093.200
NCL NCLM: 435/252.300
NCLS: 424/093.200; 424/192.100; 424/200.100; 424/258.100; 435/252.330; 435/320.100; 536/023.400; 536/023.700
IC [7]
ICM: C12N001-21
ICS: C12N015-62; C12N015-00; A61K039-116
EXF 435/172.3; 435/320.1; 435/252.3; 435/69.1; 435/69.3; 435/69.7; 435/252.33; 435/254.11; 435/257.2; 424/88; 424/92; 424/93A; 424/192.1; 424/200.1; 424/201.1; 424/93.2; 424/258.1; 935/47; 935/48; 935/65; 935/72; 536/23.4; 536/23.7
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 298 OF 408 USPATFULL on STN
AN 2000:125055 USPATFULL
TI Di-n-heterocyclic compounds, methods, and compositions for inhibiting parp activity
IN Jackson, Paul F., Bel Air, MD, United States

Zhang, Jie, Ellicott City, MD, United States
PA Guilford Pharmaceuticals, Inc., Baltimore, MD, United States (U.S. corporation)
PI US 6121278 20000919
AI US 1998-145185 19980901 (9)
RLI Continuation-in-part of Ser. No. US 1998-79510, filed on 15 May 1998, now abandoned And a continuation-in-part of Ser. No. US 1997-922520, filed on 3 Sep 1997
DT Utility
FS Granted
LN.CNT 2709
INCL INCLM: 514/292.000
INCLS: 514/081.000; 514/222.800; 514/224.500; 514/226.200; 514/229.200; 514/229.800; 514/243.000; 514/248.000; 514/267.000; 514/291.000; 514/293.000; 544/032.000; 544/066.000; 544/095.000; 544/183.000; 544/234.000; 544/250.000; 546/021.000; 546/081.000; 546/082.000; 546/083.000; 546/084.000
NCL NCLM: 514/292.000
NCLS: 514/081.000; 514/222.800; 514/224.500; 514/226.200; 514/229.200; 514/229.800; 514/243.000; 514/248.000; 514/267.000; 514/291.000; 514/293.000; 544/032.000; 544/066.000; 544/095.000; 544/183.000; 544/234.000; 544/250.000; 546/021.000; 546/081.000; 546/082.000; 546/083.000; 546/084.000
IC [7]
ICM: A61K031-4375
ICS: C07D471-06
EXF 546/21; 546/81; 514/81; 514/292
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 299 OF 408 USPATFULL on STN
AN 2000:109350 USPATFULL
TI Immunomodulatory peptides of vespid antigen 5
IN King, Te Piao, New York, NY, United States
PA The Rockfeller University, New York, NY, United States (U.S. corporation)
PI US 6106844 20000822
AI US 1998-130287 19980806 (9)
RLI Division of Ser. No. US 1996-614935, filed on 11 Mar 1996, now patented, Pat. No. US 5804201, issued on 8 Sep 1998
DT Utility
FS Granted
LN.CNT 2827
INCL INCLM: 424/275.100
INCLS: 424/184.100; 424/185.600; 435/069.100; 530/300.000; 530/806.000; 530/858.000; 536/023.200; 536/023.500
NCL NCLM: 424/275.100
NCLS: 424/184.100; 424/185.100; 435/069.100; 530/300.000; 530/806.000; 530/858.000; 536/023.200; 536/023.500
IC [7]
ICM: A61K039-35
ICS: A61K039-00; A61K039-36
EXF 424/275.1; 424/184.1; 424/185.1; 435/69.1; 530/300; 530/806; 530/858; 536/23.2; 536/23.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 300 OF 408 USPATFULL on STN
AN 2000:84288 USPATFULL
TI Substituted imidazoles having anti-cancer and cytokine inhibitory activity
IN Liverton, Nigel J., Harleysville, PA, United States
Claiborne, Christopher F., Lansdale, PA, United States
Claremon, David A., Maple Glen, PA, United States
Selnick, Harold G., Ambler, PA, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 6083949 20000704
AI US 1998-13527 19980126 (9)
RLI Continuation-in-part of Ser. No. US 1996-717955, filed on 23 Sep 1996, now patented, Pat. No. US 5717100
DT Utility
FS Granted
LN.CNT 2974
INCL INCLM: 514/252.000
INCLS: 544/364.000
NCL NCLM: 514/253.090
NCLS: 514/211.080; 514/211.150; 514/217.040; 514/227.800; 514/235.800;

IC [7]
ICM: A01N043-58
ICS: C07D401-00
EXF 544/364; 514/252
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 301 OF 408 USPATFULL on STN
AN 2000:64843 USPATFULL
TI Human cystatin F
IN Li, Haodong, Gaitheresburg, MD, United States
Yu, Guo-Liang, Darnestown, MD, United States
Gentz, Reiner L., Silver Spring, MD, United States
Ni, Jian, Rockville, MD, United States
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)
PI US 6066617 20000523
AI US 1998-19485 19980129 (9)
RLI Continuation-in-part of Ser. No. US 1997-832535, filed on 3 Apr 1997, now patented, Pat. No. US 5919658, issued on 6 Jul 1999
PRAI US 1996-14795P 19960403 (60)
DT Utility
FS Granted
LN.CNT 2831
INCL INCLM: 514/012.000
INCLS: 530/350.000
NCL NCLM: 514/012.000
NCLS: 530/350.000
IC [7]
ICM: A61K038-00
ICS: C07K001-00
EXF 514/12; 530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 302 OF 408 USPATFULL on STN
AN 2000:34395 USPATFULL
TI Assay for identifying agents which act on the ceramide-activated protein kinase, kinase suppressor of ras, and methods of using said agents
IN Kolesnick, Richard N., New York, NY, United States
Liu, Jun, Boston, MA, United States
Zhang, Yuhua, New York, NY, United States
PA Sloan-Kettering Institute for Cancer Research, New York, NY, United States (U.S. corporation)
PI US 6040149 20000321
AI US 1997-785247 19970110 (8)
PRAI US 1996-9900P 19960111 (60)
DT Utility
FS Granted
LN.CNT 4300
INCL INCLM: 435/015.000
INCLS: 435/194.000; 424/094.500
NCL NCLM: 435/015.000
NCLS: 424/094.500; 435/194.000
IC [7]
ICM: C12Q001-48
ICS: C12N009-12; A61K038-51
EXF 435/15; 435/194; 424/94.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 303 OF 408 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1999:757960 PROMT
TITLE: EUROPEAN PATENT DISCLOSURES PRIVATE.
SOURCE: BIOWORLD Today, (18 Nov 1999) Vol. 10, No. 221.
PUBLISHER: American Health Consultants, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 2074
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 304 OF 408 USPATFULL on STN
AN 1999:159497 USPATFULL
TI Method of making non-pyrogenic lipopolysaccharide or A
IN Powell, Robert J., Baltimore, MD, United States
Hone, David M., Ellicott City, MD, United States
PA University of Maryland, Baltimore, Baltimore, MD, United States (U.S.

PI US 5997881 19991207
AI US 1997-802371 19970219 (8)
PRAI US 1995-7478P 19951122 (60)
DT Utility
FS Granted
LN.CNT 2389
INCL INCLM: 424/234.100
INCLS: 435/243.000; 435/170.000; 424/241.100; 424/253.100; 424/258.100; 424/260.100; 424/261.100; 424/245.100; 424/249.100; 424/240.100; 424/252.100; 424/259.100
NCL NCLM: 424/234.100
NCLS: 424/240.100; 424/241.100; 424/245.100; 424/249.100; 424/252.100; 424/253.100; 424/258.100; 424/259.100; 424/260.100; 424/261.100; 435/170.000; 435/243.000
IC [6]
ICM: A61K039-02
EXF 435/69.1; 435/252.3; 435/172.1; 435/170; 435/243; 424/234.1; 424/241.1; 424/253.1; 424/258.1; 424/260.1; 424/261.1; 424/245.1; 424/249.1; 424/240.1; 424/252.1; 424/259.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 305 OF 408 USPATFULL on STN
AN 1999:132784 USPATFULL
TI Apoptosis induced by Shigella IpaB
IN Zychlinsky, Arturo, New York, NY, United States
Chen, Yajing, Elmhurst, NY, United States
PA New York University, New York, NY, United States (U.S. corporation)
PI US 5972899 19991026
AI US 1996-591079 19960125 (8)
DT Utility
FS Granted
LN.CNT 3629
INCL INCLM: 514/044.000
INCLS: 424/093.200; 435/320.100; 435/455.000
NCL NCLM: 514/044.000
NCLS: 424/093.200; 435/320.100; 435/455.000
IC [6]
ICM: A61K048-00
ICS: C12N015-31; C12N015-85
EXF 514/46; 435/320.1; 435/240.2; 435/172.3; 435/69.1; 435/455; 435/325; 424/93.1; 424/93.2; 536/23.5; 935/47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 306 OF 408 USPATFULL on STN
AN 1998:159928 USPATFULL
TI Materials and methods for treatment of plaquing diseases
IN Kline, Ellis L., Pendelton, SC, United States
PA Milkhaus Laboratory, Inc., Delanson, NY, United States (U.S. corporation)
PI US 5851996 19981222
AI US 1998-23607 19980213
RLI Continuation of Ser. No. US 1996-689528, filed on 8 Aug 1996, now patented, Pat. No. US 5753624, issued on 19 May 1998 which is a continuation-in-part of Ser. No. US 1990-514021, filed on 27 Apr 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-598383, filed on 16 Oct 1990, now abandoned which is a continuation-in-part of Ser. No. US 1992-874719, filed on 27 Apr 1992, now abandoned which is a continuation-in-part of Ser. No. US 1994-249175, filed on 25 May 1994, now abandoned
DT Utility
FS Granted
LN.CNT 1163
INCL INCLM: 514/012.000
INCLS: 514/002.000; 514/021.000; 424/206.100; 424/231.100
NCL NCLM: 514/012.000
NCLS: 424/206.100; 424/231.100; 514/002.000; 514/021.000
IC [6]
ICM: A61K038-00
ICS: A61K038-55
EXF 514/212; 514/21; 424/206.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 307 OF 408 USPATFULL on STN
AN 1998:108040 USPATFULL
TI Immunomodulatory peptides of vespid antigen 5

PA The Rockefeller University, New York, NY, United States (U.S. corporation)
PI US 5804201 19980908
AI US 1996-614935 19960311 (8)
DT Utility
FS Granted
LN.CNT 2614
INCL INCLM: 424/275.100
INCLS: 424/184.100; 424/185.100; 435/069.100; 530/300.000; 530/806.000; 530/858.000; 536/023.200; 536/023.500
NCL NCLM: 424/275.100
NCLS: 424/184.100; 424/185.100; 435/069.100; 530/300.000; 530/806.000; 530/858.000; 536/023.200; 536/023.500
IC [6]
ICM: A61K039-35
ICS: A61K038-04
EXF 435/69.1; 530/300; 530/806-856; 536/23.2; 536/23.5; 424/184.1; 424/185.1; 424/275.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 308 OF 408 USPATFULL on STN
AN 1998:54869 USPATFULL
TI Materials and methods for treatment of plaquing disease
IN McMichael, John, Delanson, NY, United States
Kline, Ellis L., Pendelton, SC, United States
PA Milkhaus Laboratory, Inc., Delanson, NY, United States (U.S. corporation)
PI US 5753624 19980519
AI US 1996-689528 19960808 (8)
RLI Continuation-in-part of Ser. No. US 1994-249175, filed on 25 May 1994, now abandoned which is a continuation-in-part of Ser. No. US 1992-874719, filed on 27 Apr 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-598383, filed on 16 Oct 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-514021, filed on 27 Apr 1990, now abandoned
DT Utility
FS Granted
LN.CNT 1158
INCL INCLM: 514/012.000
INCLS: 514/021.000; 424/206.100
NCL NCLM: 514/012.000
NCLS: 424/206.100; 514/021.000
IC [6]
ICM: A61K038-00
ICS: A61K038-55
EXF 514/12; 514/21; 424/206.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 309 OF 408 USPATFULL on STN
AN 1998:14942 USPATFULL
TI Substituted imidazoles having anti-cancer and cytokine inhibitory activity
IN Selnick, Harold G., Ambler, PA, United States
Claremon, David A., Maple Glen, PA, United States
Liverton, Nigel J., Harleysville, PA, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5717100 19980210
AI US 1996-717955 19960923 (8)
PRAI US 1995-5063P 19951006 (60)
DT Utility
FS Granted
LN.CNT 3169
INCL INCLM: 546/194.000
INCLS: 514/318.000
NCL NCLM: 546/194.000
IC [6]
ICM: C07D211-06
ICS: A61K031-445
EXF 546/194; 514/318
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 310 OF 408 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN DUPLICATE 26
AN 1998:227726 BIOSIS
DN PREV199800227726

interaction blocks the development of CD4+ T cells in vivo.
AU Riberdy, Janice M.; Mostaghel, Elahe; Doyle, Carolyn [Reprint author]
CS Dep. Immunol., Box 3010, Duke Univ. Med. Cent., Durham, NC 27710, USA
SO Proceedings of the National Academy of Sciences of the United States of America, (April 14, 1998) Vol. 95, No. 8, pp. 4493-4498. print.
CODEN: PNASA6. ISSN: 0027-8424.
DT Article
LA English
ED Entered STN: 20 May 1998
Last Updated on STN: 20 May 1998

L4 ANSWER 311 OF 408 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 97:423862 PROMT
TITLE: BioGenex awarded punitive damages in patent suit against BioTek
SOURCE: BIOTECH Patent News, (1 Jul 1997) pp. N/A.
ISSN: 0898-2813.
LANGUAGE: English
WORD COUNT: 1989
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 312 OF 408 USPATFULL on STN
AN 97:109731 USPATFULL
TI DNA encoding allergenic proteins and peptides from Johnson grass pollen
IN Avjioglu, Asil, Towson, MD, United States
Singh, Mohan Bir, Victoria, Australia
Knox, Robert Bruce, Victoria, Australia
PA The University of Melbourne, Parkville, Australia (non-U.S. corporation)
ImmuLogic Pharmaceutical Corporation, Waltham, MA, United States (U.S. corporation)
PI US 5691167 19971125
AI US 1993-175096 19931229 (8)
RLI Division of Ser. No. US 1992-971096, filed on 30 Oct 1992, now patented, Pat. No. US 5480972
DT Utility
FS Granted
LN.CNT 1808
INCL INCLM: 435/069.300
INCLS: 435/252.300; 435/320.100; 536/023.600
NCL NCLM: 435/069.300
NCLS: 435/252.300; 435/320.100; 536/023.600
IC [6]
ICM: C12P021-02
ICS: C12N001-21; C12N015-63; C07H021-04
EXF 435/69.3; 435/320.1; 435/240.1; 435/252.3; 536/23.6
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 313 OF 408 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 1998:4293 BIOSIS
DN PREV199800004293
TI Thyrotropin-receptor and thyroid peroxidase-specific T cell clones and their cytokine profile in autoimmune thyroid disease.
AU Fisfalen, Maria Elena; Palmer, Ellen M.; Van Seventer, Gijs A.; Soltani, Keyoumars; Sawai, Yoshikuni; Kaplan, Edwin; Hidaka, Yoh; Ober, Carole; Degroot, Leslie J. [Reprint author]
CS 5841 S. Maryland, MC 3090, Chicago, IL 60637, USA
SO Journal of Clinical Endocrinology and Metabolism, (Nov., 1997) Vol. 82, No. 11, pp. 3655-3663. print.
CODEN: JCEMAZ. ISSN: 0021-972X.
DT Article
LA English
ED Entered STN: 23 Dec 1997
Last Updated on STN: 23 Dec 1997

L4 ANSWER 314 OF 408 USPATFULL on STN
AN 92:25126 USPATFULL
TI Tyr-Gly compositions useful in increasing immune response
IN Gottlieb, A. Arthur, New Orleans, LA, United States
PA Imreg, Inc., New Orleans, LA, United States (U.S. corporation)
PI US 5100663 19920331
AI US 1990-469778 19900124 (7)
RLI Division of Ser. No. US 1988-183905, filed on 20 Apr 1988, now abandoned And a continuation-in-part of Ser. No. US 1986-902683, filed on 2 Sep

1984-643724, filed on 19 Aug 1984, now patented, Pat. No. US 4616079
DT Utility
FS Granted
LN.CNT 2193
INCL INCLM: 424/088.000
INCLS: 424/089.000; 424/092.000; 514/009.000; 514/017.000; 514/018.000; 514/019.000; 530/330.000; 530/331.000
NCL NCLM: 424/229.100
NCLS: 424/248.100; 424/269.100; 424/272.100; 424/274.100; 424/278.100; 424/280.100; 514/009.000; 514/017.000; 514/018.000; 514/019.000; 530/330.000; 530/331.000
IC [5]
ICM: A61K037-02
ICS: C07K005-06; C07K005-08
EXF 530/331; 514/18; 514/19; 514/9; 514/17; 424/88; 424/89; 424/92
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 315 OF 408 USPATFULL on STN
AN 92:17114 USPATFULL
TI Dialysates for treating aids and arc and for otherwise increasing immune response
IN Gottlieb, A. A., New Orleans, LA, United States
PA Imreg, Inc., New Orleans, LA, United States (U.S. corporation)
PI US 5093321 19920303
AI US 1990-469353 19900124 (7)
RLI Continuation-in-part of Ser. No. US 1988-183905, filed on 20 Apr 1988, now abandoned which is a continuation-in-part of Ser. No. US 1986-902683, filed on 2 Sep 1986, now abandoned which is a continuation-in-part of Ser. No. US 1984-643724, filed on 24 Aug 1984, now patented, Pat. No. US 4616079
DT Utility
FS Granted
LN.CNT 1586
INCL INCLM: 514/018.000
INCLS: 530/331.000; 514/019.000
NCL NCLM: 514/018.000
NCLS: 514/019.000; 530/331.000
IC [5]
ICM: A61K037-02
ICS: C07K005-06; C07K005-08
EXF 530/331; 514/19; 514/18; 514/17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 316 OF 408 USPATFULL on STN
AN 92:3645 USPATFULL
TI Method of showing progression of AIDS in an ARC patient by treating with Tyr-Gly compositions
IN Gottlieb, A. Arthur, New Orleans, LA, United States
PA Imreg, Inc., New Orleans, LA, United States (U.S. corporation)
PI US 5081108 19920114
AI US 1990-469779 19900124 (7)
RLI Continuation-in-part of Ser. No. US 1986-902683, filed on 2 Sep 1986, now abandoned And a continuation-in-part of Ser. No. US 1984-643724, filed on 24 Aug 1984, now patented, Pat. No. US 4616079 And a continuation of Ser. No. US 1988-183905, filed on 20 Apr 1988
DT Utility
FS Granted
LN.CNT 2043
INCL INCLM: 514/019.000
INCLS: 514/018.000
NCL NCLM: 514/019.000
NCLS: 514/018.000
IC [5]
ICM: C07K005-06
ICS: C07K005-08
EXF 514/18; 514/19
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 317 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35682 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y

PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Human ***Abeta*** peptide-measles virus Th epitope fusion peptide immunogen #6.

L4 ANSWER 318 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35681 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Human ***Abeta*** peptide-measles virus Th epitope fusion peptide immunogen #5.

L4 ANSWER 319 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35680 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Human ***Abeta*** peptide-measles virus Th epitope fusion peptide immunogen #4.

L4 ANSWER 320 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35679 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Human ***Abeta*** peptide-measles virus Th epitope fusion peptide immunogen #3.

L4 ANSWER 321 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35678 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Human ***Abeta*** peptide-measles virus Th epitope fusion peptide

L4 ANSWER 322 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35677 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Human ***Abeta*** peptide-measles virus Th epitope fusion peptide immunogen #1.

L4 ANSWER 323 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35676 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Human ***Abeta*** peptide-HBV ***T*** ***helper*** ***cell*** ***epitope*** fusion peptide immunogen.

L4 ANSWER 324 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35670 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #15.

L4 ANSWER 325 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35669 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #14.

L4 ANSWER 326 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35668 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -

PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #13.

L4 ANSWER 327 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35667 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #12.

L4 ANSWER 328 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35666 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #11.

L4 ANSWER 329 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35665 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #10.

L4 ANSWER 330 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35664 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]

epitope #9.

L4 ANSWER 331 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35663 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #8.

L4 ANSWER 332 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35662 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #7.

L4 ANSWER 333 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35661 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #6.

L4 ANSWER 334 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35660 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #5.

L4 ANSWER 335 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35659 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating

IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #4.

L4 ANSWER 336 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35658 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #3.

L4 ANSWER 337 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35657 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #31.

L4 ANSWER 338 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35656 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #30.

L4 ANSWER 339 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35655 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English

DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #29.

L4 ANSWER 340 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35654 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #28.

L4 ANSWER 341 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35653 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #27.

L4 ANSWER 342 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35652 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #26.

L4 ANSWER 343 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35651 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #25.

L4 ANSWER 344 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35650 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the

Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #24.

L4 ANSWER 345 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35649 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #23.

L4 ANSWER 346 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35648 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #22.

L4 ANSWER 347 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35647 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #21.

L4 ANSWER 348 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35646 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent

OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #20.

L4 ANSWER 349 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35645 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #19.

L4 ANSWER 350 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35644 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #18.

L4 ANSWER 351 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35643 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #17.

L4 ANSWER 352 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35642 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #16.

L4 ANSWER 353 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35641 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal

epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #15.

L4 ANSWER 354 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35640 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #14.

L4 ANSWER 355 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35639 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #13.

L4 ANSWER 356 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35638 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #12.

L4 ANSWER 357 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35637 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525

LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #11.

L4 ANSWER 358 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35636 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #10.

L4 ANSWER 359 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35635 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #9.

L4 ANSWER 360 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35634 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #8.

L4 ANSWER 361 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35633 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #7.

L4 ANSWER 362 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35632 peptide DGENE

fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #6.

L4 ANSWER 363 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35631 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #5.

L4 ANSWER 364 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35630 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #4.

L4 ANSWER 365 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35629 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #3.

L4 ANSWER 366 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35628 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402

DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** #2.

L4 ANSWER 367 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35627 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Chlamydia trachomatis ***T*** ***helper*** ***cell*** ***epitope*** #2.

L4 ANSWER 368 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35626 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #2.

L4 ANSWER 369 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35625 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Escherichia coli ***T*** ***helper*** ***cell*** ***epitope*** #3.

L4 ANSWER 370 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35624 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Escherichia coli ***T*** ***helper*** ***cell*** ***epitope*** #3.

L4 ANSWER 371 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN

TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Escherichia coli ***T*** ***helper*** ***cell*** ***epitope*** #2.

L4 ANSWER 372 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35622 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Schistosoma mansoni ***T*** ***helper*** ***cell*** ***epitope*** .

L4 ANSWER 373 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35621 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Plasmodium falciparum ***T*** ***helper*** ***cell*** ***epitope*** .

L4 ANSWER 374 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35620 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Corynebacterium diphtheriae ***T*** ***helper*** ***cell*** ***epitope*** #2.

L4 ANSWER 375 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35619 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p

PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Corynebacterium diphtheriae ***T*** ***helper*** ***cell*** ***epitope*** #1.

L4 ANSWER 376 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35618 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Chlamydia trachomatis ***T*** ***helper*** ***cell*** ***epitope*** #1.

L4 ANSWER 377 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35617 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Clostridium tetani ***T*** ***helper*** ***cell*** ***epitope*** #5.

L4 ANSWER 378 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35616 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Clostridium tetani ***T*** ***helper*** ***cell*** ***epitope*** #4.

L4 ANSWER 379 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35615 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Escherichia coli ***T*** ***helper*** ***cell*** ***epitope*** #1.

AN AAE35614 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Measles virus ***T*** ***helper*** ***cell*** ***epitope*** .

L4 ANSWER 381 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35613 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Pertusaria trachythalliana ***T*** ***helper*** ***cell*** ***epitope*** .

L4 ANSWER 382 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35612 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Clostridium tetani ***T*** ***helper*** ***cell*** ***epitope*** #3.

L4 ANSWER 383 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35611 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Bordetella pertussis ***T*** ***helper*** ***cell*** ***epitope*** #2.

L4 ANSWER 384 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35610 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.

AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Clostridium tetani ***T*** ***helper*** ***cell*** ***epitope*** #2.

L4 ANSWER 385 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35609 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Clostridium tetani ***T*** ***helper*** ***cell*** ***epitope*** #1.

L4 ANSWER 386 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35608 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Bordetella pertussis ***T*** ***helper*** ***cell*** ***epitope*** #1.

L4 ANSWER 387 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAE35607 peptide DGENE
TI Novel peptide immunogen comprising a helper T cell epitope, an N-terminal fragment of ***amyloid*** ***beta*** peptide linked to the epitope, and optionally a spacer, useful for preventing or treating Alzheimer's disease -
IN Wang C Y
PA (UNBI-N) UNITED BIOMEDICAL INC.
PI WO 2002096350 A2 20021205 77p
AI WO 2002-US10293 20020402
PRAI US 2001-865294 20010525
DT Patent
LA English
OS 2003-201258 [19]
DESC Hepatitis B virus (HBV) ***T*** ***helper*** ***cell*** ***epitope*** #1.

L4 ANSWER 388 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84451 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of TraT protein.

L4 ANSWER 389 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84450 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of TraT protein.

L4 ANSWER 390 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84449 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of TraT protein.

L4 ANSWER 391 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84448 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Sequence of ***T*** ***helper*** ***cell*** ***epitope*** of triose phosphate isomerase.

L4 ANSWER 392 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84447 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Sequence of ***T*** ***helper*** ***cell*** ***epitope*** of circumsporozoite protein.

L4 ANSWER 393 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84446 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B

PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of diphteria toxin.

L4 ANSWER 394 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84445 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of diphteria toxin.

L4 ANSWER 395 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84444 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Sequence of ***T*** ***helper*** ***cell*** ***epitope*** of major outer membrane protein.

L4 ANSWER 396 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84443 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of tetanus toxin.

L4 ANSWER 397 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84442 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell***

L4 ANSWER 398 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84441 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of F protein.

L4 ANSWER 399 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84440 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of F protein.

L4 ANSWER 400 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84439 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of pertussis toxin.

L4 ANSWER 401 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84438 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of tetanus toxin.

L4 ANSWER 402 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84437 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -

PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of pertussis toxin.

L4 ANSWER 403 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84436 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of tetanus toxin.

L4 ANSWER 404 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84435 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of tetanus toxin.

L4 ANSWER 405 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84434 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of pertussis toxin.

L4 ANSWER 406 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84433 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]

epitope of a surface antigen.

L4 ANSWER 407 OF 408 DGENE COPYRIGHT 2004 The Thomson Corp on STN
AN AAB84432 peptide DGENE
TI Novel chimeric peptide containing N- or C-terminal end-specific B cell epitope from naturally occurring internal peptide cleavage product (such as ***beta*** ***amyloid*** peptide) of a precursor protein, joined to T cell epitope -
IN Chain B
PA (MIND-N) MINDSET BIOPHARMACEUTICALS USA INC.
PI WO 2001042306 A2 20010614 47p
AI WO 2000-US33203 20001208
PRAI US 1999-169687 19991208
DT Patent
LA English
OS 2001-381648 [40]
DESC Amino acid sequence of ***T*** ***helper*** ***cell*** ***epitope*** of tetanus toxin.

L4 ANSWER 408 OF 408 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:155804 FEDRIP
NR CRISP 1R01AI50770-01A2
TI CIITA and MHC II Transcription
SF Principal Investigator: PETERLIN, BORIS MATIJA; MATIJA@ITSA.UCSF.EDU, UNIV OF CALIFORNIA,SAN FRANCISCO, BOX 0703
CSP UNIVERSITY OF CALIFORNIA SAN FRANCISCO, SAN FRANCISCO, CALIFORNIA
CSS Supported By: NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
DB 2007 (/01/03)
FYR 2003
DE 2012 (/31/07)
FU New Award (Type 1)
FS National Institutes of Health
STN INTERNATIONAL LOGOFF AT 12:41:37 ON 05 OCT 2004